

19990219.qrp v01_n372.qrl.990219

Date: Fri, 19 Feb 1999 19:03:22 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1372

QRP-L Digest 1372

Topics covered in this issue include:

- 1) [33477] WinSpice
by Brad Mugleston <bmug@gwl.com>
- 2) [33478] FOX - 2-17-99
by wn6hyx@qsl.net ()
- 3) [33479] Launched ,, one K2
by Bob Edwards <w4ed@flash.net>
- 4) [33480] Re: UPS
by "Roger Lynn" <rlynn@cyberport.net>
- 5) [33481] Monobanders
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 6) [33482] Antenna modeling question - magic possible?
by Vic Rosenthal <rakefet@rakefet.com>
- 7) [33483] NC-20 Low Output
by SABorns@aol.com
- 8) [33484] HX-240 available again :(
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 9) [33485] K8FF Paddle cure results (LONG)
by "George F. Allgood" <k4pym@carol.net>
- 10) [33486] Re: Binaural I-Q Receiver in March 99' QST by KK7B
by mwmeahan@mi.verio.com
- 11) [33487] Re: The selling of MFJ rigs
by RangerSF5@aol.com
- 12) [33488] Re: Binaural I-Q Receiver in March 99' QST by KK7B
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 13) [33489] Re: UPS
by Chris Trask <ctrask@primenet.com>
- 14) [33490] Wire Beams (Long)
by "Ron Polityka" <wb3aal@talon.net>
- 15) [33491] Re: "Reflections"
by W6RCecila <w6rca@ibm.net>
- 16) [33492] Re: CQ
by W6RCecila <w6rca@ibm.net>
- 17) [33493] Russellville
by Jay Bromley <w5jay@alltel.net>
- 18) [33494] Re: UPS
by "Arch Jenkins" <beaks@westco.net>
- 19) [33495] Re: Q-DOPE

- by wa8rxi@juno.com
- 20) [33496] FOX *LOUD* and Calling CQ
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 21) [33497] 15m kit
by "Mark Hogan" <mhogan@email.msn.com>
 - 22) [33498] UPS vs USPS
by jcs4us@cosmoaccess.net
 - 23) [33499] FS binaural receiver project cabinets
by James Skalski <jskalski@buffnet.net>
 - 24) [33500] FOX: AB0G0/4 no joy portable
by Dave Ek <ekdave@earthlink.net>
 - 25) [33501] Most often heard Qrp Phrases
by "Roger A. McCarty" <rmccarty@earthlink.net>
 - 26) [33502] End-of-Season Fox Schedule **PLEASE** ??
by Kevin L Anderson <kb9iua@juno.com>
 - 27) [33503] FOX - KU7Y - Ron in AZ.
by Tom Palmer <n1tp@worldnet.att.net>
 - 28) [33504] Re: damaged kits and the USPS
by John Van Loon <jvanloon@ecn.mb.ca>
 - 29) [33505] UPS vs. USPS
by Hank Kohl K8DD <k8dd@contesting.com>
 - 30) [33506] Re: GET Q_DOPE
by k5zty@juno.com
 - 31) [33507] FOX
by "Gary Nye" <gcnye@bright.net>
 - 32) [33508] NV Fox gets wiley
by Joe Gervais <vole@primenet.com>
 - 33) [33509] 24 hour clock
by neil <neil@aaade.com>
 - 34) [33510] Possible N/T+ hunt coming next week!!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 35) [33511] Re: Vibroplex BUGmasters
by Ed Loranger <we6w@juno.com>
 - 36) [33512] Re: QQ issues prior to Jan 1980
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
 - 37) [33513] Need resistor, 0-5 ohm, 100 watt, wirewound OK
by Jim Dolson <jdolson@iserv.net>
 - 38) [33514] Need 7805 > 3 amp
by Jim Dolson <jdolson@iserv.net>
 - 39) [33515] Re: QQ issues prior to Jan 1980
by "Richard Brummer" <obvious@bestweb.net>
 - 40) [33516] FOX WAS in NEVADA
by Tom Palmer <n1tp@worldnet.att.net>
 - 41) [33517] Re: FOX - KU7Y - Ron in AZ.
by Pete Burbank <plburbank@kih.net>
 - 42) [33518] Norcal QRPizza update
by James Bennett <jwbennett@sprintmail.com>
 - 43) [33519] Fox observations - long

by Ron Stark <ku7y@dri.edu>
44) [33520] Help me locate a certain ham, please.
by "Todd Carpenter" <carpentt@citrine.indstate.edu>
45) [33521] NC20 -- Missing
by Jim Fielden <fielden@utkux.utcc.utk.edu>
46) [33522] KU7Y Fox Log 19 Feb 99 0100z-0300z
by Monte Stark <ku7y@dri.edu>
47) [33523] Re: KU7Y Fox Log Note
by Ron Stark <ku7y@dri.edu>
48) [33524] FS: Various Rigs
by "chris cieslak" <ccieslak@law.uiuc.edu>
49) [33525] Re: CW lore, fact and fiction
by dave.g0dja@psilink.co.uk (Dave Ackrill)
50) [33526] Re: FOX - KU7Y - Ron in AZ.
by Paul Erickson <paule@sfu.ca>
51) [33527] Code paddles and the environment, a real-life observation
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
52) [33528] K2 in contest conditions?
by Paul Erickson <paule@sfu.ca>
53) [33529] Re: NC20 question
by David Fifield <fifield@pacbell.net>
54) [33530] Re: Need resistor, 0-5 ohm, 100 watt, wirewound OK
by David Fifield <fifield@pacbell.net>
55) [33531] Re: Need 7805 > 3 amp
by David Fifield <fifield@pacbell.net>
56) [33532] Re: Need 7805 > 3 amp
by "Radman" <radman@best.com>
57) [33533] Re: Need resistor, 0-5 ohm, 100 watt, wirewound OK
by "Radman" <radman@best.com>
58) [33534] Re: NC-20 Low Output
by David Fifield <fifield@pacbell.net>
59) [33535] NOISE BRIDGE and LM703?
by Dominique.FERRAND@st.com
60) [33536] Re: KU7Y Fox Log Note
by W5TB <w5tb@softhome.net>
61) [33537] Missing Rig
by dave.g0dja@psilink.co.uk (Dave Ackrill)
62) [33538] Re: UPS
by Mike Manship <mjmanship@iquest.net>
63) [33539] Re: Need 7805 > 3 amp
by "Mike Yetsko" <myetsko@insydesw.com>
64) [33540] Re: UPS vs. USPS
by "Caitlyn M. Martin" <cait.martin@ibm.net>
65) [33541] RE: Need 7805 > 3 amp
by "Michael Seedman" <mseedman@interaccess.com>
66) [33542] Re: Need 7805 > 3 amp
by "Radman" <radman@best.com>
67) [33543] Re: QQ issues prior to Jan 1980

by Bruce Rattray <rattray@gpfn.sk.ca>
68) [33544] Re: UPS
by Scott Howell <whowell@hq.nasa.gov>
69) [33545] Re: UPS vs. USPS
by crc <crc@io.com>
70) [33546] Spies on 30m?
by afpgreg@state.me.us (Paul V. Gregory)
71) [33547] Re: HW-9 "Front End"
by Zack Lau <zlau@arrl.org>
72) [33548] NorCal 20 Customer Service
by Jerry Parker <jparker@fix.net>
73) [33549] Re: QQ issues prior to Jan 1980
by Bruce Kizerian <kizerian@ced.utah.edu>
74) [33550] RE: W5ZHB SK
by Bcieslak@ra.rockwell.com
75) [33551] AW: K2 in contest conditions?
by "Peter Zenker" <Peter_DL2FI@csi.com>
76) [33552] KPC3, 20M SSB sold
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
77) [33553] Re: Antenna modeling question - magic possible?
by kkanalz@optelinc.com
78) [33554] Sierra parts list
by rspenc@creighton.edu
79) [33555] Re: UPS vs. USPS
by kkanalz@optelinc.com
80) [33556] Re: Need 7805 > 3 amp
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
81) [33557] SV: Need 7805 > 3 amp
by "=?iso-8859-1?Q?Hans_Sundstr=F6m?=" <hans.sundstrom@telia.com>
82) [33558] Problem with NC20 TX
by Jim Lyons <lyons@canada.com>
83) [33559] Re: QQ issues prior to Jan 1980
by kkanalz@optelinc.com
84) [33560] Re: Antenna modeling question - magic possible?
by Vic Rosenthal <rakefet@rakefet.com>
85) [33561] Re: QQ issues prior to Jan 1980
by "Ross S. Crossland" <rossgolf@flash.net>
86) [33562] GM STORM in Progress 18-19FEB
by Paul Harden <pharden@aoc.nrao.edu>
87) [33563] OHR rig sold
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
88) [33564] Thurs nite FOX/HF Storming
by Paul Harden <pharden@aoc.nrao.edu>
89) [33565] Re: Need 7805 > 3 amp (data sheets)
by "Radman" <radman@best.com>
90) [33566] Re: KU7Y Fox Log Note
by "George T. Baker" <w5yr@swbell.net>
91) [33567] Re: Father of the Bride... ?

- by KB90CE@aol.com
- 92) [33568] Re: Norcal QRPizza update
by "David Reid" <dareid@Synopsys.COM>
 - 93) [33569] QQ Back Issues and CD ROM
by Chuck Adams <adams@ticnet.com>
 - 94) [33570] Re: Thurs nite FOX/HF Storming
by Ron Stark <ku7y@dri.edu>
 - 95) [33571] CQ WD6FDD (Rich Wilkerson)
by Joe Gervais <vole@primenet.com>
 - 96) [33572] Re: KU7Y Fox Log Note
by Tom Palmer <n1tp@worldnet.att.net>
 - 97) [33573] Re: KU7Y Fox Log Note
by Tom Palmer <n1tp@worldnet.att.net>
 - 98) [33574] Re: Thurs nite FOX/HF Storming
by Tom Palmer <n1tp@worldnet.att.net>
 - 99) [33575] Re: Thurs nite FOX/HF Storming
by Tom Palmer <n1tp@worldnet.att.net>
 - 100) [33576] RE: Norcal QRPizza update
by "Andreas Junge" <andreas@atltech.com>
 - 101) [33577] yaesu ft-7 external vfo??
by "jack" <cmb@owc.net>
 - 102) [33578] March 6th NW QRP/BC QRP Meeting
by "Bill Todd" <bill@willapabay.org>
 - 103) [33579] FYBO: Confirming logs received...
by Joe Gervais <vole@primenet.com>
 - 104) [33580] Re: QQ Back Issues and CD ROM
by Chris Cartwright <ccart@dns.vidtel.com>
 - 105) [33581] Re: QQ issues prior to Jan 1980
by Ray Colbert <af852@rgfn.epcc.edu>
 - 106) [33582] Re: Spies on 30m?
by Ray Colbert <af852@rgfn.epcc.edu>
 - 107) [33583] HAARP
by Norm Melick <henmel@worldnet.att.net>
 - 108) [33584] FS code trainer
by ac5ez@webtv.net (Larry B)
 - 109) [33585] Re: Spies on 30m? Why not us QRPers?!
by Joe Gervais <vole@primenet.com>
 - 110) [33586] March 7th - NEQRP meet at ARRL HQ
by Michael Tracy <mtracy@arrl.org>
 - 111) [33587] Mercury Paddle for sale
by "Ed Tanton" <n4xy@mindspring.com>
 - 112) [33588] VE3????
by RangerSF5@aol.com
 - 113) [33589] Wattmeter schematic
by Andy C Meng <andymeng@juno.com>
 - 114) [33590] Surface mount projects, almost painless, maybe?
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
 - 115) [33591] Announcing the 1999 FLIGHT OF THE BUMBLEBEES

by "Russ Carpenter" <russ@natworld.com>
116) [33592] Re: Surface mount projects, almost painless, maybe?
by "David Reid" <dareid@Synopsys.COM>
117) [33593] Addendum to K8FF Paddle fix summary
by "George F. Allgood" <k4pym@carol.net>
118) [33594] FS code trainer
by ac5ez@webtv.net (Larry B)
119) [33595] more father of the bride
by Dan Presley <talljazz@teleport.com>
120) [33596] Re: Thanks and a quick? [Re: NC20]
by Chuck Adams <adams@ticnet.com>
121) [33597] Re: AN ARTICLE ON MORSE CODE/ +++LONG+++
by "Earl S. Mead" <k6esmead@pacbell.net>
122) [33598] NC20 Heat Sink Problem
by Bill Jones <kd7s@psnw.com>
123) [33599] Morse Clock idea?
by "Steve/n0tu" <n0tu@webaccess.net>
124) [33600] Re: Morse Clock idea?
by "David Reid" <dareid@Synopsys.COM>

Date: Thu, 18 Feb 1999 16:57:30 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [33477] WinSpice
Message-ID: <01BE5B5F.C7BC9C00.bmug@gwl.com>

OK, I just checked the archives for the last 2 weeks and either I've gone nuts (which would be hard to do unless there are multiple levels of nuts) or someone posted that a new version of WinSpice is available.

If there is a new version can someone point me to the web site. If not can someone help me collect insurance on my new level of nuts?

de KI00T, Brad

Date: Thu, 18 Feb 1999 19:06:42 -0500
From: wn6hyx@qsl.net ()
To: qrp-1@Lehigh.EDU
Subject: [33478] FOX - 2-17-99
Message-ID: <199902190006.TAA05556@ftp.qsl.net>

wow, all this Texas talk is making me nervous....the first week of March when I'm on my TXpedition as WN6HYX/5 and hook my qrp40 up to that hardline on the full

size 40 meter beam up 160 feet will I blow something out...just thought I better find out now.

de Mary WN6HYX
Sacramento, CA QRP-L 1779 QRP-C #51

Date: Thu, 18 Feb 1999 18:02:06 -0500
From: Bob Edwards <w4ed@flash.net>
To: K2 list <elecraft@qth.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [33479] Launched ,, one K2
Message-ID: <36CC9BEE.D9B24A79@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Today, 2205Z on 14 mhz :

First QSO with my brand new K2, coast-to-coast 559 on 5 watts,
and it just had to be with one of *the* K2 champs, Eric/WA6HHQ.

Add this one to the list of operational FT K2s. It would have been
on the air sooner but I left a critical resistor out, and my wife
said, "Well, didn't you have a part left over ??.." very intuitive on
her part, a little slow on mine.... :)

Thanks to Eric & Wayne for this great kit. Also thanks for your patience
and help with me as I built and tested it. You've raised the standard
several notches. This kit is full of clever improvements and is designed
with plenty of foresight for options and upgrades. (imho)

fwiw, let me vote for switching the CW BFO, vs band, so sweeping up in freq
sounds the same. Hope the IF passband tuning can make the FW soon.
Maybe if PF1 and PF2 were held in, it would change RIT control to
passband tuning, just my put. Do like the tilt bail as is.

Gonn'a take a mess of measurements, play with the filter settings, but later.

Now I just want to enjoy it, on the air!

--

Bob	72/73	/
Z'# 114		/
http://www.qsl.net/w4ed		/ \
		/ / E \

```

      W4ED nr Atlanta @EM73wt      /_||/____|__\
...."QRP", more from less....    [ \--===== /

```

Date: Thu, 18 Feb 1999 17:34:04 -0700
From: "Roger Lynn" <rlynn@cyberport.net>
To: "QRP-L@Lehigh.edu" <qrp-l@lehigh.edu>
Subject: [33480] Re: UPS
Message-ID: <001301be5b9ff5f15d3de0\$5079a8d0@rlynn>

Last July I sent two boxes of tech. manuals from Calif. to Montana. UPS lost one box (\$164 + \$25 shipping) and to date will not return my calls regarding their error. UPS also will not deliver on a timely basis to my rural address. They always have an excuse as to why the driver can't deliver. Doesn't matter if their customer paid for next or second day air.

The U.S. Postal Service out performs UPS and at a lower price. They have never delivered to my address.

Regards
Roger Lynn

Date: Thu, 18 Feb 99 19:49:18 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "cygnet@cncnet.com" <cygnet@cncnet.com>
Subject: [33481] Monobanders
Message-ID: <199902190050.AAA05022@out2.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, everyone,

One of the guys here on the reflector put me in touch with a ham in California who had an NCG-15M, which I have arranged to buy, along with an

Amp Supply TR-110. Two monobanders in one day :)

The thing is, this gentleman, Sam Taylor, K06JQ, still has an NCG-15SB, the older version of the NCG 15 meter 10 watt/1 watt SSB/CW monobander. He is asking \$65, which is very, very reasonable. You can e-mail him at:

cygnet@cncnet.com

He didn't ask me to post, but I felt that I am getting a really good deal, and I thought someone else here might be interested.

72/73,
Caity
KU4QD

```
-----
Caitlyn M. Martin                "They have computers... and may have
cait.martin@ibm.net              other weapons of mass
http://www.caitys-world.com      destruction" -Janet Reno
-----
```

```
-----
Date: Thu, 18 Feb 1999 16:46:59 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>
Subject: [33482] Antenna modeling question - magic possible?
Message-ID: <36CCB483.3F1BE621@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
```

I have a 33' mast on top of my house, with the base about 15' from the ground. Currently it supports a 40 meter dipole, ladder-line fed. The ends droop a bit. When I model this with ELNEC, it says that the gain at 5 deg is -8.3db. It occurred to me to try changing it to an inverted L, with the mast as one leg and one top wire of 33', fed at the junction of the wires. This gave me a slight improvement to -8.1 db.

Then, I started shortening the top wire. Wow! at 12', the 5 deg gain went up to -5.6 db! And when I shorten it more, it goes up even more. All this is assuming a poor ground; with a better ground it's even better.

My question is: what am I missing here? It looks to me that if I zepp-feed the mast at the top, I'll have a dynamite antenna! This can't be true; but what

about a 6' top wire? I get -4.9 db, which is much better than the dipole. Remember, I'm feeding it with ladder line, so the impedance isn't a problem, within reason.

73,
Vic, K2VCO
Fresno CA

Date: Thu, 18 Feb 1999 19:41:09 EST
From: SABorns@aol.com
To: qrp-1@lehigh.edu
Subject: [33483] NC-20 Low Output
Message-ID: <da104b47.36ccb325@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Have my NC-20 running but can only get about 2.2 W output at 13.8v power. Drive to final PA is about 4v pp and output about 25v pp. Tried changing J-310 at Q-2 and results were the same. Tuning of VC-8 and VC-9 very touchy but definite peak. Everything on rig seem to work fine except for low output power level. Any ideas of items to check?

73, Steve K8IDN

Date: Thu, 18 Feb 99 19:52:06 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "vhf@w6yx.stanford.edu" <vhf@w6yx.stanford.edu>, "thp@onelist.com" <thp@onelist.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33484] HX-240 available again :(
Message-ID: <199902190052.AAA05020@out2.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, everyone,

My starcrossed Tokyo Hy-Power HX-240 transverter is available again. This time I am auctioning it on E-Bay. If anyone is interested, the URL is:

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=68652596>

I have already arranged to buy the rigs I am replacing it with, so I really hope it will disappear this time.

73,
Caity
KU4QD

```
-----
Caitlyn M. Martin          "They have computers... and may have
cait.martin@ibm.net        other weapons of mass
http://www.caitys-world.com destruction"  -Janet Reno
-----
```

```
-----
Date: Wed, 17 Feb 1999 12:54:56 -0500
From: "George F. Allgood" <k4pym@carol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [33485] K8FF Paddle cure results (LONG)
Message-ID: <015701be5a9e$ba17b100$85c9eed0@204.116.183.2.carol.net>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit
```

Okay Gang, I've had several requests to post the results of my question about a fix for the K8FF Paddles. I've tried to digest and compact the information for you and here she blows!

From: Jeff Grudin <grudin@pacific.vdbs.com>

I took a little piece of braided wire and stripped it in the middle and on the ends. I then placed it under the center block wrapped around the back screw and tightened it down. Then connected the ends of the wires to the arms under the screws for the magnetic return. This grounds the arms. Fixed the problem on mine.

AR Qrp #1 From: Ed Loranger <we6w@juno.com>

Replace the two shiny screws in the dit/dah mounting blocks with brass. The bimetallic screws react with the blocks and quit working. My paddles sat for a whole year and still worked fine last sunday!

-Ed

I was able to retro a few silver contacts on both of mine.

I just put the contacts on the paddles and then rounded the ends of the screws on the posts with a knife honeing stone. I have yet to have anymore problems.

Now comes the neat part (hope your fingers are small ?). Rob the contacts out of a old 10 to 20 amp relay. Hone down the flat side that was fused or riveted to the arms. Now is where trial and error come into play. Take the contacts and embed one of them into your work bench if it has a fairly soft top (mine is oak) unlike formica. Just take the contact with the good side laying on the table and take something hard (hammer head works good) and just apply pressure and that should do the job. Now that the contact can't move around we can get to soldering. Be sure to tinn the contact's back side now that it will not move. I used a soldering gun with something like 150 watt. Now take the grub screw (the one in the paddle) and grind it flat. Now tinn the screw. A pair of forceps or kelly clamps work well to do this plus you will need them to handle the screw while you solder. Now that both are tinned Heat up the side of the silver while laying the screw on it . Once they heat up you will fell as well see it do its thing. Soon as it flows pull off the heat and hold still a few seconds. Do the other one in the same order and you should be in businesses.

If you have any problems I would gladly offer to mod your key for you.

Let me know how you make out ???

72 de Patrick KD4OBQ

From: Tom Popovic <ki3r@yahoo.com>

Hello George Tom KI3R ... Take the screws out of the "cubes" and clean them thoroughly and then coat them with a little silver oxide paste from Hy-Gain antennnas. This cured my problem ...God Bless Tom..

From: Paul Erickson <paule@sfu.ca>

I soldered a pair of relay contacts to the levers, and that seems to take care of it.

cheers, Paul - VE7CQK - email: paule@sfu.ca

From: Glen Leinweber <leinwebe@mcmill.cis.McMaster.CA>

Um, didn't the problem involve getting wax/polishing compound/dirt into the bearings of the paddle arms?

Either clean off the bearings, or independently ground each

paddle arm with a short, stranded (flexible) wire.

From: Mike Mullins <mmullins@mastnet.net>

There are two possible places for a problem. The first is a bad contact at the bearing, and the second is an oxide layer at the steel screw contacts. Put an ohmmeter across each position in turn, and apply light pressure to the paddles. On most of these the problem is the steel contacts. I replaced the steel contact screws with brass, which I found in my local hardware store. Also, someone (sorry, I don't remember who) was selling a set of silvered relay contacts for \$1. Much more difficult to install, but probably the best solution. Fix it before it drives you crazy!

Good luck, Mike KD5CMN

Here's what I have done so far:

Twass a combination of things. I cleaned all the screws with alcohol. I soldered silver relay contacts on both arms and filed down the dit and dah post screws. Soon as I can find some BRASS screws to replace the old originals, I'll do that as well. I also used a short piece of very small braided copper wire mounted under the center post, then out to the magnetic return screws on both arms for a positive ground. I really need to remember to keep these critters clean. Just don't think about it that often. Thanks for your help.

George K4PYM

-----Original Message-----

From: John Evans - N0HJ <jaevans@codenet.net>

> Are you going to keep us in suspense?? What cure did you select??
>

Date: Thu, 18 Feb 1999 20:19:26 -0500

From: mwmeahan@mi.verio.com

To: HWRM1SS@aol.com, qrp-1@Lehigh.EDU

Subject: [33486] Re: Binaural I-Q Receiver in March 99' QST by KK7B

Message-ID: <199902190110.UAA11012@mail.mi.verio.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

On 18 Feb 99, at 11:35, HWRM1SS@aol.com wrote:

> Fellow QRPers,

>

> On receiving my March 99' issue of QST I read an article by Rick Campbell
> KK7B on the design and construction of the Binaural I-Q Receiver. I found

> this design intriguing.
>

Me too

> Are any of you out there familiar with this method? Have any of you built
> this receiver or similar projects using the same wide-open binaural I-Q
> detector?
>

Not yet :-)

As I read the article, a small voice in the back of my head kept
chanting, "Tayloe mixer, R2a audio. Tayloe mixer, R2a audio."
(more properly "Tayloe commutating detector").

Anyone else hear that?

Bill Meahan WA8TZG (since 1966) mwmeahan@mi.verio.com
"Find a way!"
NorCal QRP #407/GQRP #8468/Inet QRP #117
RACES/ARES/IMRA

Date: Thu, 18 Feb 1999 20:10:23 EST
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [33487] Re: The selling of MFJ rigs
Message-ID: <1efb53b2.36ccb9ff@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,
Sorry to take up bandwidth on this selling of the MFJ rigs but I need you'r
help.
Last night, everyone had their pick but I never received a reply when I asked
to confirm the sale.
Some of you are changing you'r mind and are requesting a different band.
Some are requesting a different option.
A few wanted a rig and said *i'll take it then backed out*
So I told others the item was sold.
Othere are mailing me from different *E* mail addresses.
As it stands now,
I have confirmed the sale of the following
MFJ 17-M with dipole and CW filter.

Non working 40-M
15-M with CW filter.
20-M with filter
30-M with a keyer not a filter(Sorry)Sale not confirmed
20-M with keyer,Not confirmed
20-M with no options,,,,,,,,,No takers
PLEASE,
Don't ask me to swap options.
At the \$65.00 Shipped,the price it's a super bargain.
Still waiting on word on the 30-M and the 20-M with the keyer.
Please respond direct to me
Thank You
Bob
WA2HOQrp <tm>

Date: Thu, 18 Feb 1999 20:23:36 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: HWRM1SS@aol.com, qrp-l@Lehigh.EDU
Cc: Rick Campbell TQ0 <rcampbell@tqs.com>
Subject: [33488] Re: Binaural I-Q Receiver in March 99' QST by KK7B
Message-ID: <199902190122.UAA13979@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I can see I am going to be busy for the next couple of weeks!

Rick has been working on this one for the past several months, and QST really got this one published quickly. So quickly in fact, I have not yet seen the article, so I can't comment on what is in there, but I know Rick is really excited about this one.

I will be doing a kit for the receiver, and a kit for the VFO that goes with the receiver. The VFO will work well with the other kits in the KK7B series - the R2 (which in the next two weeks will become the R2 PRO - more to follow....) miniR2, and T2.

The bad news is that I just got an e-mail from Rick, and he just received the prototype for the production boards for the RX and the VFO, and will be building them this weekend. The order for the PC boards will go in Monday, so I expect to be able to ship in two to three weeks. I believe there is a price for the RX kit in the article. I do not have a parts list for the VFO yet, so I do not have a price for it.

I will post more info to QRP-L as I get the kits together and ready to

go. We are expecting a pretty high level of interest in this one....

>
> On receiving my March 99' issue of QST I read an article by Rick Campbell KK7B
> on the design and construction of the Binaural I-Q Receiver. I found this
> design intriguing.
>
> Are any of you out there familiar with this method? Have any of you built this
> receiver or similar projects using the same wide-open binaural I-Q detector?
>
> While with the FAA Technical Center in Atlantic City NJ I worked on satellite
> systems that used QPSK or quadrature phase shift keying. Quite different
> though...
>
> Excellent article, well written, well documented, good footnotes. There is a
> kit available through Kanga Kits. -- <http://www.bright.net/~kanga/>
>
> Tnx es 72,
>
> Howard K3HW
>
>
>
>
>

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Thu, 18 Feb 1999 18:28:59 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Roger Lynn <rlynn@cyberport.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33489] Re: UPS
Message-ID: <Pine.BSI.3.96.990218182804.27521B-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Feb 1999, Roger Lynn wrote:

>
> The U.S. Postal Service out performs UPS and at a lower price. They have

>

And they deliver on Saturday for no extra charge. :~)

[illegible]

Circuit Design for the RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Thu, 18 Feb 1999 20:33:13 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [33490] Wire Beams (Long)
Message-ID: <01b701be5ba7\$d174a060\$3a5445c6@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Well everyone would like to see the replies that I received on the question I posted about the wire beams. So here are all the replies I received in order. I would like to thank everyone that replied to my e-mail.

Done Vee Beams if that interests you. If you are thinking parasitic beams using wire, no experience here.

Ed N5EM

=====

Not sure my brain is worth picking but I've known about the wire beam for years. Never built one though as I ended up with the big stuff.

Wire beams are no different than Yagi's in terms of design consideration. In fact I'd use the software for it (Yagimax) to design the spacing etc. The only thing different is the size of elements. It will be different because of that-ie. #xx wire Vs tubing. Other than that no different.

It effects the velocity factor. Yagimax I believe is available free on the web somewhere can't remember that but there was an article in June/July QST maybe two years ago for the site.

In addition I think there have been a few articles in QST re that subject. Ie cheap beam for xxx band. As I recall it used wood spreaders with wire for the elements.

Been interested in low band recently and just purchased "antennas and techniques for low band DX" ON4UN ARRL -really a good book. Also J. Carr has a good book on antennas "Practical Antenna Handbook" by Tab I think. Its older but really well written. May have something in there on wire beams. Of course there's the ARRL stuff on antennas-
Mike WB9IOG
Le Claire, Ia

=====

Ron,

Many years ago when I was working at the andean zone of my country, I made some wire beams for commercial bands.

The design is very simple, as the boom, I used a 1/4" nylon rope, same as used for fishing. Cut two wires for a wave dipole antenna as the driven element. Cut two wires less in 5 percent for the director element and 5 percent longer for the reflector element. Tie up the reflector to one end of the nylon rope and proceed to measure 15% of the wavelength from the end to tie up a 1:1 balun, and from this point, measure 10% of the wavelength to have the point to tie up the director element.

You must use 2 masts to fasten each end of the rope, consider the direction you want to communicate.

To put up the antenna, I use a pulley in each mast (like a flag).
The final step, is to tie up the end of each element wire with 1/16" nylon
cord After you finish the job, you can see 3 element array inverted "V"
dipoles.

Has more gain than a dipole and you will enjoy with it. An the most
important, is not expensive.

73 de Augusto, OA4CVT

=====

Hi Ron, all of my antenna farm is wire beams and large horizontal
loops, and vertical polarized long vee beams. The antenna farm runs
from 160 meters thru 2 meters (long vee beam). Although a tower is a
nice asset to a ham station, wire antennas and low elevation masts are
not only fun but the cost factor is so low that there is plenty of
opportunity
for experimentation.

Mostly the quad or triangle loop is my favorite, however, most of the
antennas are large, but could be reduced to fit into a city lot.

If I could help you or others, it would be my pleasure, however, any
drawings would have to be sent via fax or snail mail for the present time.

73 & happy wire antenna building.
Walter Dufrain, AG5P Wright City, Missouri

=====

OK, it may or may not be what you're looking for...it is only for a
5-element
15M yagi, called the "Yard Yagi" and is in

"CQ" magazine, April, 1997, page 32

the height above the ground is only 18 feet 5 inches and it seems to have
a 3-5 "S" unit gain over a dipole, or so the article says.

Cheerio es 73
Justin McAllister, kd5ako
Weatherford High School ARC Pres
QRP-L 1849
ARS 491
NorCal#...still waiting

=====
I would like to take the beam hiking. de WB3AAL

Ah, hiking. That's a bit different. I will give you the definitive wire beam antenna for that environment - a long wire. Yep, believe it or not, a single long wire, correctly oriented in the direction you wish to work (not run in that direction, however) will do it.

By "long wire", I'm referring to a wire that is at least a full wavelength at the operating frequency, preferably longer. I like 5 to 10 wavelengths, but you do have to carry and manage this, of course.

Get a basic antenna handbook and read up on "long wire" or traveling wave antennas. You get a figure 8 with lobes in four directions from the wire.

Two of these, fed at an apex and laid out at an angle form a Vee beam which is great but would be more difficult to erect on a hiking trip. A single wire, however, is a breeze to erect - you only need two supports that lie in the correct directions apart.

The trick to a long wire is that the actual length in wavelengths determines the angle off the wire that the lobes fall. The longer the wire, the closer to the direction of the wire the lobe is. The antenna manuals will show you this relationship. So, if you know the length of the wire in wavelengths for all the frequencies you might want to use it, and you have a compass, you can easily erect the wire to point a lobe in the preferred direction (and you get 3 more too boot). A long wire, for example 300 ft. or so, on 20 meters and up can generate lobes with gains of 8 db or better. Not bad for an antenna that takes less energy to put up than a dipole with a feedline. You feed it with the same kind of tuner you might use for a half wave antenna. Probably could even use a Rainbow if you gave it some thought.

This is a very cursory pass at a fairly complex subject. It really deserves a nice article in one of the Quarterlies.

Ed, N5EM

=====
I developed a "cheap and easy" 20 meter mini-yagi wire beam. Construction details are on my web page at:

<http://uts.cc.utexas.edu/~hansongr/ANTENNAS.HTML>

Let me know if you have any questions.

During the FYBO QRP contest I worked 46 stations in 23 states and got lots of 579 to 599 reports with it. Mine is only up about 33 feet, but seems to work great.

Gary KJ5VW

=====

I believe all editions of Bill Orr's 'Beam Antenna Handbook' have dimensions for driven and parasitic wire beams. I have used his lengths for home-brew beams for 20 and 15 meters in various places in the world and they do work.

Cheers,

Mark ~ K9AM QRP-L #443
35 miles NW of Chicago

=====

That is all for now folks!

72 / 73 & Good DX
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Club Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP#1
Eastern Pennsylvania QRP Club Call---> N3EPA

ARCI QRP # 5318 G-QRP # 3031
KL7 QRP # 309 NJ-QRP # 179

Date: Thu, 18 Feb 1999 19:41:29 -0700
From: W6RCecila <w6rca@ibm.net>
To: qrp-l@lehigh.edu
Subject: [33491] Re: "Reflections"
Message-ID: <36CCCF59.45B1@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Date: Tue, 16 Feb 1999 20:23:26 -0500
>From: Fred Bennett N9TA <N9TA@worldnet.att.net>
>
> Anybody have a copy of REFLECTIONS by Walt Maxwell
>they might be willing to part with ??? I've got about every antenna
>book I EVER SAW FOR SALE....hi hi. I just keep seeing
>references to "Reflections" and would like to have a look.

Hi Fred, if you don't have any luck, Worldradio is supposed to be publishing a second edition of "Reflections" sometime in the future.

--

73, Cecil, W6RCA <http://www.bigfoot.com/~w6rca>

Date: Thu, 18 Feb 1999 19:40:01 -0700
From: W6RCecila <w6rca@ibm.net>
To: qrp-1@lehigh.edu
Subject: [33492] Re: CQ
Message-ID: <36CCCF01.2DB1@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Date: Tue, 16 Feb 1999 16:30:02 -0800
>From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
>Subject: [33236] Re: CQ = "SEEK YOU" !
>
>I have heard the CQ = Seek You debunked many times because "You" implies
>a single person which is the opposite of what CQ actually means.

Hi Barry, My Elmer, now SK, told me in the 50s that CQ originated from the military "Call to Quarters" where the "quarters" for hams was the ham shack. In other words, it means, "Get your butt into the ham shack and talk to me."

--

73, Cecil, W6RCA <http://www.bigfoot.com/~w6rca>

Date: Thu, 18 Feb 1999 19:54:14 -0600
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33493] Russellville
Message-ID: <36CCC446.3074CF79@alltel.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Just a quick note that Kelsey KK5KU and myself have been invited back to the Russellville Hamfest to do another QRP forum. It is this weekend Saturday February 20th. I will be traveling lite this year compare to last year when we bought everything under the sun that was QRP. This year I will have the Sierra and Kelsey will have his soup up Emtech. Dennis W5RZ will provide the 20 meter dipole for the fun.

Those that attended last years forum will remember op's like Carlin N50E on my SST working Europeans with 1 watt. This was demonstrating QRP at it finest and sure was fun seeing Carlin maneuver around the QRO stations during the ARRL DX contest. There were other op's that were equally impressive from the Ozark area. I am very sorry I can't remember all their calls and hope they come out again to join in on the fun.

Were going to do just like last year a brief QRP introduction and then on to the equipment but with one twist, we want you to please bring along one of your QRP projects or even your favorite QRP rig for a show-n-tell. Hopefully there will be so many little rigs around the area people will start to ask what is going on like they did in Dallas about the Zombie badges.

This is always a great hamfest so come out and have some fun with us!! The starting time will be 10:30 or after the ARRL forum.

For more information on the Russellville Arkansas Hamfest contact Margaret Alexander e-mail ealexand@cswnet.com or phone 501-968-7270.

Also don't forget the Fort Smith Hamfest that will include Doug Hendricks giving away a NC-20. A entry fee of \$5.00 is required to inter and don't have to be present to win. Be sure to send your checks to me and mark NC-20 in the memo section of your check. Remember the hamfest is March 13th!!

Also I am working on more prizes and will announce them next week. Trying to get Russellville out of the way and still working on the K2. To much work and to many kids basketball games for those that are interested.

Hope to see you at both!!

73 de w5jay..

Fort Smith, AR.
501-648-9138
501-651-9138

Date: Thu, 18 Feb 1999 21:03:46 -0500
From: "Arch Jenkins" <beaks@westco.net>
To: <rlynn@cyberport.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33494] Re: UPS
Message-ID: <00f101be5bac\$16732520\$3e4ff5cd@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Amen Roger, UPS seems to have an "attitude" since their strike and seems to feel the customer is not important.
Postal Priority is pretty much the same price/cheaper on most QRP size mailings, you have something across the country in 3 days tops, gets delivered on Saturdays, and the handling cant be any worse than that provided by UPS (I've heard many stories from a friend who works for UPS!) A damage claim is usually easier to handle through the post office, I hear too many stories of items completely destroyed by UPS and monthes before any action is even taken on the claim.
I live in a rural area and postman comes by each day whether there is a delivery or not, the UPS driver doesnt want to come by unless he has other deliveries in the area, so with that attitude I just give my business to the postman.
Arch N8EAG
Fairmont, WV

Date: Thu, 18 Feb 1999 20:26:31 -0500
From: wa8rxi@juno.com
To: kkanalz@optelinc.com
Cc: qrp-1@Lehigh.EDU
Subject: [33495] Re: Q-DOPE
Message-ID: <19990218.211655.-152371.3.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Thu, 18 Feb 1999 08:32:37 -0600 kkanalz@optelinc.com writes:

>

>

>Q-Dope used to be made by General Cement (now: "G-C"), but
>I believe it's no longer on the market, Mark. You can make your
>own by melting polystyrene in solvent, but why use Q-Dope at

=====

I've used Clear Finger Nail Polish.....Seems to work OK

73, Rick - WA8RXI Taylor, MI.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 18 Feb 1999 21:28:30 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [33496] FOX *LOUD* and Calling CQ
Message-ID: <199902182131_MC2-6B05-7743@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Ron is maybe 7042 and calling CQ a lot. But note--he is QSYing a bit
:-) He is very loud here. Go for it.
him.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Thu, 18 Feb 1999 20:39:30 -0600
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33497] 15m kit
Message-ID: <008201be5bb1\$146f4c90\$6ae60181@mhogan-ws>

Well I'm thinking about a kit. I'd like to do 15 meters since the antenna will fit the building at work (lunch time cw :)
I'm new to kit dum, like my code oscillator is it.
The SST looked very do able, but its not for 15, or is it.
I'd like it to be small, like my mini Schurr.

Not looking for a K2 either. Just something simple, very simple...
But I'd like it to hear fairly well if thats possible.

Any suggestions?

Next I have a question about my HW-8
I just started hearing the powerful AM broadcast station, 1170 in my HW-8.
I heard it today on 40 and 15. I dont remember having this problem in the past, anything I should look for would be a big help.

Mark Hogan
N50BC
G-QRP 4972 QRP-L 1887 AR QRP 246

HW-8/SPEED-X BUG FT-847/Vibro Keyer

bet ya didn't know a bug could go so slow!

Date: Thu, 18 Feb 1999 18:39:53 -0800
From: jcs4us@cosmoaccess.net
To: qrp-l@Lehigh.EDU
Subject: [33498] UPS vs USPS
Message-ID: <3.0.32.19990218183949.00a2d290@wingate>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well looks like we have a thread going hear... At any rate I choose UPS as my primary delievery source.. USPS took 10-days to get me a Priority mail letter that was registared and return recipt about 3 weeks ago.. They also

damaged a Yaesu FT-726R that I got via there priority service and it was in the original factory box with the original factory foam packing the packing was destroyed.. There was a big hole in the bottom.. And it takes 7-9months to get a claim through them.. UPS take 3-6 weeks... UPS lets you know via the internet or a 1-800 phone call where your package has been or if it has been delievered... They took 2-days here to ship a 3-day select package for me this week... Also if I (REALLY) want it there the next day I ship UPS or Fedex not the post office they don't alway come through that is why they have a money back deal on there overnite service..

Date: Thu, 18 Feb 1999 21:58:27 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-1@Lehigh.EDU
Subject: [33499] FS binaural receiver project cabinets
Message-ID:
<Pine.LNX.4.04.9902182145510.2064-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone is planning on building the Binaural I-Q receiver from Qst 1999 March issue; you may be interested in the cabinets that I have.
I have used these to build some homebrew test equipment such as my crystal evaluator and SASA spectrum analyzer scope adapter.

The article calls for hammond cabinets:

The following are brand new in factory plastic wrap from hammond.

30 pieces 1441-16 grey steel cabinets
15 pieces 1431-16 grey steel bottom plates

If you want a set including one 1441-16 cabinet and one 1431-16 bottom plate the cost is \$15 plus \$4.20 priority mail postage.

If you want only one 1441-16 cabinet the cost is \$10 plus \$3.20 priority mail postage using the boxed supplied by the post office.

These are brand new items that I received in a trade :-) These are the last of a two case lot.
They are heavy 20 gauge grey painted steel items.
First come first served.

Jim N2go

Date: Thu, 18 Feb 1999 20:04:51 -0700
From: Dave Ek <ekdave@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [33500] FOX: AB0G0/4 no joy portable
Message-ID: <3.0.6.32.19990218200451.007a8210@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Struck out once again on bagging the fox from my hotel. Never did find the fox or the hounds. Heard a good-sized pileup somewhere around 7.030 (don't know for sure--just put a ten-turn pot in my SW+ but don't have the freq-mite in yet, so calibration's real iffy--know that 7.041 is six turns of the dial, though). Didn't hear any familiar calls, and it was pretty unruly, so didn't figure the fox was underneath anywhere.

Lots of fluttery signals heard. Don't know if the bands were bad or if it was because of my inside antenna (distributed capacitance twisted loop--gotta give this thing a fair trial one of these days--something *outside*). Lots of QRN from the hotel itself. Worst, of course, right about 7.041 :-(

72 de Dave AB0G0/4
Alexandria, VA

Date: Thu, 18 Feb 1999 19:18:02 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33501] Most often heard Qrp Phrases
Message-ID: <000101be5bb6\$757aa520\$8505b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oh! That looks neat

I'll take it

Send me 10 (Need one)

That's on my project list
Put it on the shelf for now
I need more shelf space....
Qrp Epitaph, "He had plans".

Roger "I've got plans" McCarty ARS KD6CC
<http://www.qsl.net/kd6cc>
Qrp-L #1555 Southern California

Date: Thu, 18 Feb 1999 22:14:34 EST
From: Kevin L Anderson <kb9iua@juno.com>
To: qrp-l@lehigh.edu
Subject: [33502] End-of-Season Fox Schedule **PLEASE** ??
Message-ID: <19990218.211347.8087.2.kb9iua@juno.com>

Can someone please send me a complete, composite,
correct schedule for the remaining foxes? I am now
totally confused as to who is on first.

I read the digest, and even then a day or two late usually,
so must otherwise rely on the printed schedule. I knew
Ron had switched, but tonight wasn't what I had written
down. So, please, help me out with the correct schedule.
Thanks!!!!!!

Cheers/72. Kevin, KB9IUA

P.S. Ron was down in the noise for me tonight, coming
up occasionally to then disappear into the noise or QRM.
I think I worked him, but lost his final comeback if there
was fills needed for me.

* * * * *
Kevin Anderson, KB9IUA, Rock Island IL USA
kb9iua@juno.com or Kevin.L.Anderson@usace.army.mil
* * * * *

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 18 Feb 1999 22:42:27 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [33503] FOX - KU7Y - Ron in AZ.
Message-ID: <36CCDDA3.80C057E0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Foxhunt conditions were typical from Florida/Arizona this evening. Lots of QRN and many "interlopers" sending "QRL?" every 5 minutes... guess they can't hear the QRP pile up? Ron, KU7Y, started out at about 449 for the first 20 to 25 minutes. Then his signal started to increase. At about 0200 he was up to a nice, clear 569. Peaked at about 0210 and stayed at that strength until about 0230. After 0230 Ron's signal began to drop down slowly. Big pile up for the first 75 minutes or so, but the hounds seemed to thin out after that & Ron had to Call "CQ Fox" from time to time... somewhat surprising. A Fox in AZ. is a little tough to copy in Florida because it's hard to hear through the hounds who keep sending after the FOX begins to reply to his hound. It was helpful, however, because Ron was often listening about 400 below his transmitting freq. Heard many of those pesky Texans, as always. That Gulf of Mexico between the SW coast of Florida and Texas seems to do the trick. I caught the FOX at 0124, 24 minutes into the hunt. That's OK from Florida. I'm looking forward to reading Ron's LOG.

Tom, N1TP, Naples, Florida.

Date: Thu, 18 Feb 1999 21:54:26 -0600 (CST)
From: John Van Loon <jvanloon@ecn.mb.ca>
To: paule@sfu.ca
Cc: qrp-1@Lehigh.EDU
Subject: [33504] Re: damaged kits and the USPS
Message-ID: <199902190354.VAA17470@odin.ecn.mb.ca>

On 1999-02-18 paule@sfu.ca said to jvanloon@ecn.mb.ca
>X-Cc: qrp-1@lehigh.edu (qrp)
>X-Mailer: ELM [version 2.4 PL24]
>X-Orcpt: rfc822;qrp-1@fidoii.CC.Lehigh.EDU
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Just don't use UPS to send things over the border to Canada etc.
>They are a major ripoff, charging a minimum \$20 "brokerage" fee
>normal post only costs an additional \$5.
>cheers, Paul VE7CQK/email: paule@sfu.ca
Last time I got a UPS parcel from across the line the 'Brokerage fee'
was \$ 37.00. Parcel went right back to shipper.

Cheers

John, ve4nn
jvanloon@freenet.mb.ca

Net-Tamer V 1.08 - Test Drive

Date: Thu, 18 Feb 1999 22:59:52 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@lehigh.edu
Subject: [33505] UPS vs. USPS
Message-ID: <4.1.19990218225817.017f0af0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The way it sounds, Mr. Murphy visits both
the UPS and USPS. And quite regularly, too!

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS http://www.tir.com/~k8dd
*/ MI-QRP - Vice Pres. QRP-ARCI - Director

*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Thu, 18 Feb 1999 18:42:02 -0600
From: k5zty@juno.com
To: mjfitz@uswest.net
Cc: qrp-1@Lehigh.EDU
Subject: [33506] Re: GET Q_DOPE
Message-ID: <19990218.220055.11622.0.k5zty@juno.com>

Allied Electronics has a \$50.00 minimum order. Makes pretty expensive Q Dope.

Bill, K5ZTY
Houston, TX
k5zty@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 18 Feb 1999 23:14:26 -0500
From: "Gary Nye" <gcnye@bright.net>
To: qrp-1@LEHIGH.edu
Subject: [33507] FOX
Message-ID: <199902190414.XAA03255@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi Ron,

Thanks for the pelt. I know I gave you a 559 and as I was listening to you work the other hounds I realized that my 20db attenuator was on. You were at least 599 after I switched it off.

tnx/72,
Gary

=====
Gary Nye WD8KQY gcnye@bright.net
Tiffin, OH

QRP-ARCI #5705 QRP-L #446 NORCAL #2330 ARS #204

=====

Date: Thu, 18 Feb 1999 21:26:24 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [33508] NV Fox gets wiley
Message-ID: <199902190426.VAA05710@usr08.primenet.com>

Man, Ron was cookin' with grease tonight! Probably has some singed Fox fur from working Hounds at mach speed. :-)

I'd been buried in code (the C++ kind...) the past few days (yes, finally broke that mental block ;-)) and needed a break. Set up the dread Fox Raider 3000 HB vert and assembled the station. Tried to de-focus, mind still spinning with visions of static class data members, bitfield masks and packet encoding.

Sierra fired up nicely, spun the VFO, heard a din of dits and dahs, one string of which spelled "DE KU7Y FOX K". Whoa! Fired off my callsign once, just to warm up the fist. After several more tries I'd likely come my senses and get into the swing of things.

"AB7TT 5NN RON NV...." DOH! Freakin' leapin' lizards! The bugger came back to me! Momentary panic as I tried to remember what the exchange was, then tried to remember how to send it. *8-) Muddled through somehow.

Thanks for the NV Pelt, Ron! ;-) Hope you broke 100 tonight!

Time to go attack the email backlog. Speaking of logs - 62 FYBO logs entered into the database so far. I'll post a summary of calls this weekend for verification.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Black holes are where God divided by zero." -- Unknown

Date: Thu, 18 Feb 1999 20:27:42 -0800
From: neil <neil@aade.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33509] 24 hour clock
Message-ID: <36CCE83E.EF0A244D@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There have been threads in the past regarding looking for 24 hour clock.

My brother gave me a neat one last Christmas. Check out
<http://www.extech.com/model445800> at \$29.

usual disclaimers.

--
Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Thu, 18 Feb 1999 23:31:39 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [33510] Possible N/T+ hunt coming next week!!
Message-ID: <199902182334_MC2-6AF0-AA31@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Been corresponding tonight with Cla Cadmus KG0GKC. He plans to run another N/T+ FOX hunt Tuesday or Wednesday of next week. Watch for his announcement. Will be good to see one of the good operators on the air.

We have actually done too well this season....and a high percentage of them have already upgraded :-).

This hunt should help ease the hunger pangs for N/T+ pelts. I say get out there and support your local N/T+ :-).

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

Date: Thu, 18 Feb 1999 23:39:26 EST

From: Ed Loranger <we6w@juno.com>

To: n1tp@worldnet.att.net

Cc: qrp-l@Lehigh.EDU

Subject: [33511] Re: Vibroplex BUGmasters

Message-ID: <19990218.203408.5255.3.we6w@juno.com>

Tom! Am so glad to read that you got the "bug". And you sound motivated! This is great.

STEP 1: Remove ALL Paddles and Keyers to a box in a very hard to reach place!

Step 2: Read the bug adjust URL posted. Read again and experiment with each part.

Step 3: Take the bug apart down to the last screw. Suddenly make it your tool, not a collectible. Put it back together very carefully and take your time.
You have just finished building your QRP Bug Kit! Fun.

The rest is running thru the alpha bet trying to sound perfect. Just like the finest keyers and coders. Don't try to add anything to your sending. Strive for machine perfection. Nature will not allow you to send PERFECT code. What is left is 'your True Swing'. And it is beautiful music.

I write right handed and send with my left hand. An early decision so that I'd have lots of room on my right. Yes, I have a large coffee cup, soldering station etc. over there. So to the left went the bug and paddles.

Right or left, decide on your own path and be flexible for a few days. Once you are comfortable you will begin practicing and find that you can get "locked-up" with lots of dahs. Like letter "J" and doing "P's" and whatever. You will find you soon enough what the trouble spots are for yourself.

Now during all this, you are anxious to get back on the air and your paddles are buried up in the attic or something. So you have turned your "Want" into a "Need". So you will go for it and maybe sneak up into a QRS bandspot and perhaps have taped an obnoxious looking tire weight onto the reed by now to slow the darn thing down!

You have fun. You get comments about the dit/dah ratio and/or the timing issues and some 'bugmasters' come out of the closet, on the air, and you have some of the finest qso's ever. And you are hooked!

Please enjoy your bug. If it looks collectable, it was never loved.

Best to you my friend. 72

-Ed

72, Ed WE6W, AR Millennium QSO's=444/2000

<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

You don't need to buy Internet access to use free Internet e-mail. Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html> or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 18 Feb 1999 19:53:18 -0900 (AKST)
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Cc: adams@ticnet.com
Subject: [33512] Re: QQ issues prior to Jan 1980
Message-ID: <[v03007800b2f21eb4f53f@\[209.193.12.152\]](mailto:v03007800b2f21eb4f53f@[209.193.12.152])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

I sure hope that Chuck's quest shakes a complete set of QQ out of the woodwork... I sure would like to have the complete novella on CD-Rom...

But as I see it, Chuck should not have to bear the cost of to do us all a favor !!!

Let's see, with only 1000 members active on the list that would work out to 30 cents each... Some can't afford it...8^) Some won't pay it... 8^(Some will forget it... 8^0 So Chuck, if you do find a set and have to pony up for their rental, you can count me in for a "Green Stamp"... How about it guys ???

Thanks for all your time and effort in this matter Chuck... Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>
- 10 Meter Beacon: 28.2825 +/- KL7AQC / BCN

Date: Thu, 18 Feb 1999 23:59:36 -0500
From: Jim Dolson <jdolson@iserv.net>
To: qrp-l@Lehigh.EDU
Subject: [33513] Need resistor, 0-5 ohm, 100 watt, wirewound OK
Message-ID: <36CCEFB8.6AEE@iserv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have a suggestion on where to find a variable resistor, 0-5 ohm (0-2 would be OK too) and rated for 100 watts? Wirewound is OK as this is for DC.

Thanks,

Jim
jdolson@iserv.net
wb8zbd

Date: Fri, 19 Feb 1999 00:02:49 -0500
From: Jim Dolson <jdolson@iserv.net>

To: qrp-1@Lehigh.EDU
Subject: [33514] Need 7805 > 3 amp
Message-ID: <36CCF079.3405@iserv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone heard of a 7805 5 volt regulator (anything from 5-8 volt regulator would be OK actually) that is rated for more than 3 amps (8 amps would be perfect).

My dad tells me they exist, but the regulators that I can find only handle 1A max.

Thanks,

Jim
jdolson@iserv.net
wb8zbd

Date: Fri, 19 Feb 1999 00:26:07 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.edu>, <kl7h@eagle.ptialaska.net>
Subject: [33515] Re: QQ issues prior to Jan 1980
Message-ID: <00e901be5bc8\$5b1f0920\$de05b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sounds like a good idea to me!

73,
Dick K2REB

dit-dit

Date: Fri, 19 Feb 1999 00:28:40 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-1@Lehigh.EDU>

Subject: [33516] FOX WAS in NEVADA
Message-ID: <36CCF687.9D6AFE8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wrote that Ron was in AZ. Of course, he was in Nevada. Don't know what the heck I was thinking. Propagation-wise, though, there is no dif between NEV and AZ from Florida.

did dit, Tom, N1TP, Naples, FL.

Date: Fri, 19 Feb 1999 00:41:06 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [33517] Re: FOX - KU7Y - Ron in AZ.
Message-ID: <3.0.32.19990219004103.0068d168@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:42 PM 2/18/99 -0500, you wrote:
>Foxhunt conditions were typical
>from Florida/Arizona this evening.
A Fox in AZ. is a little tough
>to copy in Florida because it's hard to
>hear through the hounds who keep
>sending after the FOX begins to reply
>to his hound. Heard many of those pesky Texans, as
>always.
>Tom, N1TP, Naples, Florida.

Tom, heard you strong as usual here in the Bluegrass. Ron did a great job with his FB CW skills. Sorry to edit your message but Chuck said no more replies with original ...just enough to make sense. I rarely heard the first part of Ron's exchange because of the lengthy baying of some hounds. I thought that sending your call once was the rule.

For the most part tho, there were lots of fine operators in the pack with their ears perked up.

Propagation seemed to be good from here and could often hear both sides of the exchange. BTW...how 'bout them pesky VEs ?

72 to all and Tnx Ron especially.

Pete W4VCT

Date: Thu, 18 Feb 1999 22:07:14 -0800
From: James Bennett <jwbennett@sprintmail.com>
To: qrp-1@Lehigh.EDU
Subject: [33518] Norcal QRPizza update
Message-ID: <36CCFF92.44C1441@sprintmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,
So far I have 1 indicating Saturday is ok, and one for
Tuesday. So is anyone else interested in getting together for pizza
and to meet with a visiting QRPer David Reid PA3HBB.

Let's try for Tuesday evening Feb.23 (starting 7PM) as the weekend
seems busy for a lot of folks.

Location: Round Table Pizza in Mountain View.
It is located on El Camino Real just West of 85 at El Camino and Grant.
Address: 157 East El Camino Real, Mountain View
Phone 650-968-4353
Date February 23
Time: 7PM

So, if you would like to attend, please drop me an email and I will
make arrangements for the expected attendance.
Thanks,
James Bennett
KA5DVS/6

Date: Thu, 18 Feb 1999 22:34:46 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33519] Fox observations - long
Message-ID: <Pine.SOL.3.96.990218220930.12176J-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 18 Feb 1999, Joe Gervais wrote:

>
> Fired off my callsign once, just to warm up the fist.

> "AB7TT 5NN RON NV...." DOH! Freakin' leapin' lizards!
> The bugger came back to me!

Hey Joe,

Your sig was so loud, I didn't want to have you hit me with it again!

Right at 90 QSOs with a dupe or two. Missed the 100 that I was aiming for.

One station read my post and noticed that I said that I would be watching 1 kc up. I set the RX to 1 up, sent my call and there was Mike, K1MG right in the middle of my filter! Nice going Mike.

The first hour went nicely. I even saw the rate meter hit over 80/hr. But that didn't last!

Just as the first hour ended, the static started. We were getting some winds to about 40 mph with lots of warm, wet snow. Then it changed to colder, dryer snow and a bit higher winds. That's when the static started.

I could hear the noise floor of the RX almost the whole two hours. But during the second hour the static crashes would be up to S9 at times!

Many sig's were copied with the gain FULL ON on the FT 1000MP. Anyone want to guess what it feels like when a hound jumps up with a S9 call and you have the gain full on? :-)) Even sig's that were showing S2 on the meter only needed about 1/3rd of the gain turned on.

As the static got going most of the loud sig's were also gone. A few here and there but not many. However, I think there is a wire all the way to M0. All the stations from M0 were S9!

I should have the log posted within the hour and then feel free to correct any typos/errors.

I want to thank all the hounds who made this hunt a whole lot of fun for me!

And pat yourselves on the back.... you were all doing a great job of copying. I was sending the calls

at 28 wpm and the rest of the exchange at over 30 wpm!

Towards the end I did slow to 25 wpm but not sure that it made any difference.

I think there were about 25 to 35 stations that I never could copy. I could often hear something there, but just couldn't get it.

Had to QSY due to a tuner-upper who I think knew that we were there. Then moved again due to a CQer! As the condx got worse, the QRM increased.

You expect that to happen. While the condx are good, you have a good sig and that's what it takes to keep the freq clear. But as condx change, you no longer have that loud sig and others start appearing on freq. Just part of the game.

Madening sometimes, but that just a fact of life!

My harty THANKS to all for making my two turns as Fox a really great time.

Oh, tailending..... the only one I heard tailend I managed to hit the wrong key and send CQ! Heard a few others try but each time I was working a STRONG station and a weak one called but could not be copied!

Worked two mobile stations, K5MQ in TX and N0TU in CO.

Log to be posted soon....

Thanks again,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 19 Feb 1999 01:48:49 -0500
From: "Todd Carpenter" <carpentt@cittrine.indstate.edu>
To: "qrp-L" <qrp-l@Lehigh.EDU>
Subject: [33520] Help me locate a certain ham, please.

Message-ID: <4AAF33F117F@citrine.indstate.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can anyone tell me about the rig listed in the 1996 ARRL handbook on page 1.5? The photo says courtesy of KA0NDS but I cant locate this Ham. The call book says KA0NDS = Paul Wardner of Salt lake CTY UT. I sent him a letter but it was returned by the Post office. If anyone can help me please reply. Todd

Date: Fri, 19 Feb 1999 01:54:04 -0500 (EST)
From: Jim Fielden <fielden@utkux.utcc.utk.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33521] NC20 -- Missing
Message-ID: <Pine.GS0.3.96.990219015143.4185B-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello All,

I have my NC20 still setting unopened, no time to even count parts since it got here. I've read a lot of notes on missing parts, is a "Major" deal like I should rip it open and count the parts no matter what, or is it just a small amount of people missing minor parts?

I don't know if I'll have time to build it anytime soon but I guess I better crack it open and count the parts eh!

73 es CUL,

Jim, KU4QW

Date: Fri, 19 Feb 1999 07:04:59 +0000
From: Monte Stark <ku7y@dri.edu>
To: "qrp-l, Low Power Amateur Radio" <qrp-l@lehigh.edu>
Subject: [33522] KU7Y Fox Log 19 Feb 99 0100z-0300z
Message-ID: <36CD0D1B.B6F19035@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks,

I found several typos. If you see any more, let me know before I
send it in to Paul,

Thanks again for making this so much fun!

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date	Time	QS0#	Station	Sent	Rxed	Name	QRP-L#	QTH	
19/02/99	100	1	K1MG	599	599	MIKE	614	CA	
19/02/99	101	2	N1FN	599	559	MARSHALL	153	CO	
19/02/99	101	3	NQ7X	599	559	FLOYD	343	AZ	
19/02/99	102	4	N5TW	599	559	TOM	1474	TX	
19/02/99	103	5	K0EVZ		599	579	DOC	861	ND
19/02/99	103	6	K5ZTY		599	559	BILL	473	TX
19/02/99	104	7	N6VZ	599	599	GARY	919	CA	
19/02/99	104	8	AB5UA		599	559	CLIF	478	OK
19/02/99	105	9	N5LU	599	559	BILL	5W	OK	
19/02/99	105	10	VE7CQK		599	559	PAUL	20	BC
19/02/99	106	11	K5JHP		599	339	BILL	825	TX
19/02/99	108	12	AI4CW		599	449	DON	1670	AL
19/02/99	108	13	N4ROA		599	559	DAN	970	VA
19/02/99	108	14	K2VCO		599	599	VIC	725	CA
19/02/99	110	15	KF4KSM		599	559	MAC	704	FL
19/02/99	111	16	K5LN	599	559	BILL	1794	TX	
19/02/99	112	17	AK7Y	599	559	GREG	1693	AZ	
19/02/99	112	18	K5OI	599	559	TIM	73	NM	
19/02/99	113	19	W9UQB		599	559	MIKE	413	AZ
19/02/99	113	20	KI7MN		599	579	BOB	271	AZ
19/02/99	114	21	N7XJW		599	579	BERTIE	1259	AZ
19/02/99	115	22	NW7DX		599	599	BEN	1892	WA
19/02/99	116	23	KA4BMK		599	559	JIM	5W	FL
19/02/99	117	24	KK5LD		599	559	DAN	5W	TX
19/02/99	117	25	WW7Y	599	599	STEVE	94	UT	
19/02/99	118	26	AB5WX		599	559	Dave	1718	TX
19/02/99	120	27	W4VCT		599	559	PETE	1721	KY

19/02/99	120	28	W5HNS	599	559	HENRY	178	TX
19/02/99	122	29	N0TU/M	599	579	Steve	911	CO
19/02/99	123	30	W5SB 599	599	BILL	1279	TX	
19/02/99	123	31	N1TP 599	559	TOM	1317	FL	
19/02/99	125	32	K4IMA	599	569	PETE 4W	KY	
19/02/99	126	33	AE4Y 599	559	KENT	1844	GA	
19/02/99	127	34	W5YA 599	559	GEO	1373	TX	
19/02/99	127	35	KQ5U 599	559	TERRY	1603	TX	
19/02/99	129	36	W6SIY	599	579	KEITH	615	CA
19/02/99	130	37	N5JE 599	559	DICK	1054	TX	
19/02/99	131	38	KB7WW	599	599	ART	290	OR
19/02/99	132	39	AB7TT	599	559	JOE	191	AZ
19/02/99	133	40	WD8KQY	599	559	GARY	446	OH
19/02/99	134	41	K5UP 599	559	GLEN	21	OK	
19/02/99	135	42	W0RSP	599	599	ADE	661	SD
19/02/99	135	43	KC5T 599	579	BOB	1792	TX	
19/02/99	137	44	K5LN 599	559	BILL	1794	TX	
19/02/99	138	45	K4ZM 599	569	JIM	1116	AL	
19/02/99	139	46	WS4S 599	559	CONARD	993	TN	
19/02/99	140	47	W5JAY	599	599	JAY	1201	AR
19/02/99	141	48	N7MFB	599	599	BILL	715	WA
19/02/99	142	49	N0AR 599	559	SCOTT	1455	MN	
19/02/99	144	50	VE5RC	599	119	BRUCE	886	SK
19/02/99	144	51	WA9PWP	599	569	PAUL	127	WI
19/02/99	145	52	AA5TA	599	559	LARRY	1245	TX
19/02/99	146	53	K8CV 599	559	WALT	935	MI	
19/02/99	148	54	VE6EWM	599	559	EARL	1076	AB
19/02/99	148	55	WA8RXI	599	569	RICK	1368	MI
19/02/99	150	56	N4XDW	599	559	JAY	1372	AL
19/02/99	152	57	AB8DF	599	449	ED	1444	MI
19/02/99	153	58	KA5T 599	559	LARRY	89	TX	
19/02/99	155	59	K3BOB	599	579	ARN	3W	PA
19/02/99	157	60	NA1XX	599	339	MIKE	1588	MA
19/02/99	158	61	VE2KN	599	449	KEN	103	QC
19/02/99	201	62	K1QM 599	549	JOEL	337	MA	
19/02/99	201	63	N0EA 599	579	WAYNE	1058	MO	
19/02/99	202	64	VE3JC	599	559	JOHN	744	ON
19/02/99	204	65	W0CH 599	599	DAVE	618	MO	
19/02/99	205	66	KA1DDB	599	599	MIKE	2W	MI
19/02/99	206	67	W0AV 599	589	GEO	1866	MO	
19/02/99	207	68	KC1FB	599	559	JIM	29	CT
19/02/99	210	69	KB9II	599	559	JOHN		IL
19/02/99	212	70	KI0II	599	559	RON	928	CO
19/02/99	214	71	K5MQ/M	599	559	MARK	794	TX
19/02/99	215	72	N7CTJ	599	599	DICK	843	NV
19/02/99	216	73	N0UR 599	559	JIM	799	MN	
19/02/99	218	74	KK5WL	599	559	GARY	330	TX
19/02/99	221	75	K4BYF	599	539	JACK	1782	FL

19/02/99	225	76	N8VAR	599	449	RON	263	OH
19/02/99	230	77	AE2T	599	449	AL	1664	NY
19/02/99	231	78	W2XN	599	339	FRED	1728	FL
19/02/99	233	79	AC5II	599	599	DON	264	OK
19/02/99	234	80	KS4L	599	579	ANDY	468	AL
19/02/99	235	81	W5TB	599	559	DOC	673	TX
19/02/99	237	82	WE6W	599	559	ED	1068	CA
19/02/99	237	83	AF5Z	599	579	BOB	984	TX
19/02/99	239	84	N4UY	599	559	JAKE	821	VA
19/02/99	241	85	K1TMW	599	559	KEN	5W	AZ
19/02/99	244	86	N4KZ	599	599	DAVE	1709	KY
19/02/99	246	87	W0JOE	599	339	JOE	5W	MO
19/02/99	249	88	K0EVZ	599	579	DOC	25mW	ND
19/02/99	251	89	W0JOE	599	339	JOE	5W	MO
19/02/99	254	90	KB9IUA	599	339	KEVIN	384	IL
19/02/99	300	91	N3WSI	599	559	DICK	183	PA

Date: Thu, 18 Feb 1999 23:20:49 -0800 (PST)
 From: Ron Stark <ku7y@dri.edu>
 To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Subject: [33523] Re: KU7Y Fox Log Note
 Message-ID: <Pine.SOL.3.96.990218231541.12942D-1000000@vortex.dri.edu>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Again,

FYI:

I found Hounds in 29 states tonight plus Canada.

Only one states had double digit numbers of hounds....
 Yep, it were them peskey Texans!

18 from TX!

Next high was 7 from AZ.

CA, FL and MO were in with 5.

AL, MI and OK had 4.

I don't think I found a weak Texan tonight.... they must
 own all the antennas.... :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 19 Feb 1999 01:37:22 -0600
From: "chris cieslak" <ccieslak@law.uiuc.edu>
To: <qrp-l@lehigh.edu>
Subject: [33524] FS: Various Rigs
Message-ID: <000c01be5bda\$b0a2a5c0\$a7b2ae98@asimov.ais.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Items for sale-- if not interested delete now

Well, now that i've moved back home, i no longer need my portable college apartment rigs. And, i'd like to build a couple more projects, too :) So, here's the AA9HD Shack Cleaning Sale list. All radios guaranteed to be in excellent cosmetic and electrical condition unless otherwise noted. Like Sears always said, "satisfaction guaranteed or your money back". COD, money order accepted. UPS ground shipping included in price.

Ten Tec FM 2M mobile rig. From kit. Digital display, tuning, scan. 5w out. \$100

NN1G 20M SSB single-board transceiver. Has Freq-Mite morse code frequency readout option. \$120

OHR QRP Explorer II 40M CW rig. From kit. \$70

Kantronics KPC3 1200bd packet TNC. Screws missing from case but works perfectly. \$50

if interested email me at ccieslak@chrisbieslak.com

Thanks, 72/73,
chris aa9hd

Date: Fri, 19 Feb 1999 07:39:03 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)

To: qrp-1@lehigh.edu
Subject: [33525] Re: CW lore, fact and fiction
Message-ID: <E10DKWX-0001fZ-00@relay2.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

And possibly even farther back, to the Victorian Telegraph days? When codes and cyphers were commonly used to either hide the meaning of the message, or by the operators to speed up sending certain standard phrases?

de Dave (G0DJA)

>That started in the '50's novice bands. But "dit dit" at the end of a QSO goes
>back way further, having been used by shipboard ops and coast stations to mean
>"this is my last transmission".

Date: Thu, 18 Feb 1999 23:40:48 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: plburbank@kih.net
Cc: qrp-1@lehigh.edu (qrp)
Subject: [33526] Re: FOX - KU7Y - Ron in AZ.
Message-ID: <199902190740.XAA03863@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Propagation seemed to be good from here and could often hear
> both sides of the exchange. BTW...how 'bout them pesky VEs ?

Now just what is it that you are implying?-))

> 72 to all and Tnx Ron especially.
> Pete W4VCT

cheers, Paul - VE7cqk - email: paule@sfu.ca

Date: Fri, 19 Feb 1999 03:16:45 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: cw@qth.net, qrp-1 <qrp-1@lehigh.edu>, Laurel ARC <larc-1@webtrek.com>, eax@w3eax.umd.edu

Subject: [33527] Code paddles and the environment, a real-life observation
Message-ID: <Pine.LNX.3.95.990219030658.17117A-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So I'm on my way to work this morning, same as every day. Got the defogger blowin', full-force, keeping the blinding condensation off the inside of the windshield (but hey, this is Oregon, and it only works so well because the relative humidity in winter rarely drops below 95%).

Usual day...CQ CQ Cdididididididididididit...what the???

So I tap the dit lever on my passenger-seat-mounted Benchers and I get...

"dididididit"

But I just adjusted these things the other day...perfect feel, adequate spacing. Unplug 'em from the jack in the dash, and it stops (i.e., radio is OK). Plug back in and the radio goes nuts. OK, stop and grab the tools, readjust the spacing, now a tad wider.

On the road again, "dididididididit."

WHAT IS GOING ON HERE?

So I squelch my frustration for a second and think, "what makes paddles work?"

I hold 'em up to my eye and look between the contacts.

It's so damp there's a water droplet holding on through surface tension.

When I keyed the radio, the droplet maintained the circuit (for a little while), leading to my string o' dits.

Solution?

A puff of air from my mouth directed at the post where the contacts meet....followed by slipping a piece of paper between the contacts and closing it with a little force.

Moral?

NEVER underestimate the power of nature :)

P.S. and Kansas makes 34 states wkd QRP/M since 2/6!

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Fri, 19 Feb 1999 00:19:33 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-1@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [33528] K2 in contest conditions?
Message-ID: <199902190819.AAA09727@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would really appreciate hearing from anyone who uses the K2 in a serious contest effort. If it's ability to handle strong adjacent signals, and it's computer control is up to snuff, I will probably be in the market.

Will have to sell off a few items to finance it. Anyone interested in some cw filters for the ts930/940/850 or a OHR 400 with or without a KC-2?

cheers, Paul - VE7CQK - email: paule@sfu.ca

Date: Fri, 19 Feb 1999 00:57:35 -0800
From: David Fifield <fifield@pacbell.net>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33529] Re: NC20 question
Message-ID: <36CD277F.2962183@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ed,

Yes, the op-amp, U1, serves two purposes really. 1) it electrically

sums the TUNE pot value and the RIT value (and the FSK value if you are doing data modes with it) and 2) when the 10 turn pot is used, amplifies the input voltage by about $-2.2 \times$ to get a tuning diode voltage variation from about 2V to 10V.

The feedback resistor R9 is normal negative feedback. The circuit is essentially a simple inverting amplifier (found in many text books). The gain of the amplifier is approx $-R9/R2$ from the TUNE pot to the tuning diode, and approx $-R9/R5$ from the RIT pot to the tuning diode.

Hope this helps explain it a bit.

72, Dave Fifield, AD6A

Edward A Kwik jr wrote:

>
> OK Elmers,
> Got a question about the VFO design in the NC20. The VFO has an op amp
> U1. I am not sure about its function. Could it be doing some voltage
> scaling for the tuning diode? The + input has a R3/R4 voltage divider
> so it sees +4 vdc. The - input sees the tuning voltage via R2. But the
> output of U1 is feed back to the - input thru R9. Why?
>
> Ed AB8DF

Date: Fri, 19 Feb 1999 01:12:33 -0800
From: David Fifield <fifield@pacbell.net>
To: jdolson@iserv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33530] Re: Need resistor, 0-5 ohm, 100 watt, wirewound OK
Message-ID: <36CD2B01.D11DDFA7@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

I purchased a dual 8 Ohm 100W wirewound pot with a nice plate and knob (1/4" shaft fitting, so other "standard" hardware/knobs can be used), from Fry's Electronics (here in the Bay Area) recently for about \$16. It's fully enclosed and just looks like a HUGE standard dual pot.

I use it to adjust the level of my homebrew attic mounted sub-woofer (uses a dual voicecoil 15" speaker) for my home entertainment system.

Works a treat - definitely NOT QRP!

If you like, I could buy one for you and ship it. Your call.
72, Dave Fifield, AD6A

Jim Dolson wrote:

>

> Does anyone have a suggestion on where to find a variable resistor, 0-5
> ohm (0-2 would be OK too) and rated for 100 watts? Wirewound is OK as
> this is for DC.

Date: Fri, 19 Feb 1999 01:34:26 -0800
From: David Fifield <fifield@pacbell.net>
To: jdolson@iserv.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33531] Re: Need 7805 > 3 amp
Message-ID: <36CD3022.D3F25DB3@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The regs I used to use were LM338K STEEL and LM317K STEEL from National Semiconductor. These are both three terminal adjustable regulators capable of delivering 5A (suitably heatsinked).

72, Dave Fifield, AD6A

Jim Dolson wrote:

>

> Has anyone heard of a 7805 5 volt regulator (anything from 5-8 volt
> regulator would be OK actually) that is rated for more than 3 amps (8
> amps would be perfect).

Date: Fri, 19 Feb 1999 02:12:29 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Jim Dolson" <jdolson@iserv.net>
Subject: [33532] Re: Need 7805 > 3 amp
Message-ID: <199902191009.CAA27730@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Check out National Semiconductor's site for pdf data sheets for the parts Jim mentioned. Their web site (if you haven't been) is a national treasure of information ;)
Here's the shortcut to the data on Jim's regs:
http://www.national.com/catalog/AnalogRegulators_LinearRegulatorsStandardNPN_PositiveVoltageAdjustable.html

72, Conrad - NN6CW

The regs I used to use were LM338K STEEL and LM317K STEEL from National Semiconductor. These are both three terminal adjustable regulators capable of delivering 5A (suitably heatsinked).

72, Dave Fifield, AD6A

Date: Fri, 19 Feb 1999 02:22:12 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Jim Dolson" <jdolson@iserv.net>
Subject: [33533] Re: Need resistor, 0-5 ohm, 100 watt, wirewound OK
Message-ID: <199902191018.CAA11495@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a pinch, I've bought a handful of RS part # 271-120 -- 8 ohm non-inductive 20 watt resistors and "matrixed" something that would take the amount of power I needed. You can use the usual parallel resistor formulas.... not as elegant as a true variable, but it works :-)

They're \$1.49 ea.

72, Conrad -- NN6CW

Jim Dolson wrote:

Does anyone have a suggestion on where to find a variable resistor, 0-5 ohm (0-2 would be OK too) and rated for 100 watts? Wirewound is OK as this is for DC.

Date: Fri, 19 Feb 1999 02:21:18 -0800
From: David Fifield <fifield@pacbell.net>
To: SABorns@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33534] Re: NC-20 Low Output
Message-ID: <36CD3B1E.E452B819@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steve,

Definitely, the drive to your PA transistor is low. It should be more than double the 4V you are seeing. Check that the TX bandpass filter has two peaks per trimcap.... Maybe your Q14 has low gain? Maybe there's a resistor value wrong? How do your DC voltages compare to the ones in the trouble shooting table?

72, Dave Fifield, AD6A

SABorns@aol.com wrote:

>
> Gang,
>
> Have my NC-20 running but can only get about 2.2 W output at 13.8v power.
> Drive to final PA is about 4v pp and output about 25v pp. Tried changing
> J-310 at Q-2 and results were the same. Tuning of VC-8 and VC-9 very touchy
> but definite peak.....

Date: Fri, 19 Feb 1999 12:18:33 +0100
From: Dominique.FERRAND@st.com
To: qrp-1@Lehigh.EDU
Subject: [33535] NOISE BRIDGE and LM703?
Message-ID: <H000028104d2e933@MHS>
MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII; name="NOISE"
Content-Disposition: inline; filename="NOISE"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HELLO 73

In the CDRom ARRL handbook 1999 chapitre 28 ,NOISE BRIDGE for 1.8 through 30Mhz LM703 amplifier or equivalent but I have not characteristics . What are equivalents and what are characteristics PLEASE

Dominique F6EPW

Date: Fri, 19 Feb 1999 05:40:34 -0600
From: W5TB <w5tb@softhome.net>
To: ku7y@dri.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33536] Re: KU7Y Fox Log Note
Message-ID: <3.0.3.32.19990219054034.00750c1c@pop.SoftHome.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:20 PM 2/18/99 -0800, you wrote:

>
>I don't think I found a weak Texan tonight.... they must
>own all the antennas.... :-)

heheheh -- tnx Ron. I was afraid i'd miss last night's even due to a madnitory apprearance at a board meeting at the college where I work. Hit the house at 8:30 said hi to the xyl and pup dog, leaving <25 min to go. Fired up the Omni V as I started to change clothes and there u were - wrking a stn down about 1 hit the a=b and then split (the Omni has no %\$%#@ RIT ;-) tunded both vfo's as u finished wid him es gave one call at about 25 wpm ...zap -- there u were coming back to w5tb. Great ears despite rather poor condx (had sum w2 right on top of u at the time es qrn) . The "killer" antenna is a random wire maybe 60' long and only 4"off the roof with a tv standoff at the apex of my 2 story roof ;-) Gotta admit being in texas has it's advantages for stateside qso's -- but dx is alltogether anuther story :-)

finished changing and was back downstairs in under 5 min. Xyl says "You're so sweet to come back down so soon, I thought you were going to work the FOX" hehehehe -- life is good! ;-)

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>

NORCAL ZOMBIE ARRL Life Member QRPARCI # 3252
QRP-L #673 FISTS # 5365

Date: Fri, 19 Feb 1999 12:24:56 -0800
From: dave.g@dja@psilink.co.uk (Dave Ackrill)
To: qrp-l@lehigh.edu
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [33537] Missing Rig
Message-ID: <E10DozC-0006dr-00@relay2.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To those in other countries, please excuse the bandwidth as I know that there are members of this list who are in the UK. Thanks.

I gave my FT-70G QRP rig to the Concierge at the Royal Garden Hotel in Kensington for safe keeping, along with my companies PC (as we have been instructed to do, due to thefts from hotel rooms) and they have 'missplaced' both my rig and the PC!

Please watch out for any of the following for me:-

Yaesu FT-70G (It's the one with the thumbwheel frequency selector) portable HF transceiver. 10 Watts or 5 Watts out and has been modified to allow it to transmit on 1.8MHz. Serial Number 9C080084.

The rig was housed in a black Toshiba computer case. Also in the case were the following items:-

Bencher Paddle Key
Kent Straight Key
Keyer (in a Nuttall's Mint Tin)
Two dry cell batteries (12V)
VSWR bridge
My logbook (with name and address in front cover)
Various tools, lengths of wire for portable antennas etc., one length of wire was wound on a green 'fishing line' holder.

In with the companies PC (a Toshiba Tecra) was my MFJ259B antenna analyser, my ventolin inhaler (for asthma) and a green 1998 PowerGen diary. Plus some paperwork that I had taken to work on while away on a seminar.

If you find any of the above, please email me, or contact either PC377BH (PC Morrison) or PC411BH at Notting Hill Police Station, telephone 0171 221 1212.

Thanks very much.

de Dave (G0DJJA)

Date: Fri, 19 Feb 1999 07:41:55 -0500
From: Mike Manship <mjmanship@iquest.net>
To: qrp-1@Lehigh.EDU
Subject: [33538] Re: UPS
Message-ID: <3.0.2.32.19990219074155.006b4f18@pop.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>The U.S. Postal Service out performs UPS and at a lower price. They have
>never
>not delivered to my address.

Believe it or not, there are residences in this country which do NOT
receive mail from USPS but DO
receive packages from UPS. The last house I occupied was such a place.
There was a post office
down the street and we all had to have post office boxes to receive our
mail. The post office was
closed after 5 pm and that made it very difficult for me to retrieve my
mail. I finally gave up and got
a post office box at a different post office several miles away which had
the boxes in a lobby which
was accessible after hours. UPS had no problem delivering packages to this
house but the USPS
would not deliver. Luckily I only lived there for a few months.

73 de Mike W90J

Date: Fri, 19 Feb 1999 07:45:54 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jdolson@iserv.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33539] Re: Need 7805 > 3 amp
Message-ID: <002d01be5c05\$cb4f0d20\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Has anyone heard of a 7805 5 volt regulator (anything from
5-8 volt
>regulator would be OK actually) that is rated for more than
3 amps (8
>amps would be perfect).

>
>Jim
>jdolson@iserv.net
>wb8zbd

Well, I remember seeing 78H05's and I believe they were
rated 3 amps
with certain heat sinks, and more with a more aggressive
heat sink.

And I remember seeing a 78HA05 in an 'industrial' circuit,
but I
don't know the rating.

But even if the parts exist, they are not going to be
common and
you'll pay a premium for 'one-ups'. It so simple to slap on
a power
pass transistor, and you'd need a much more hefty heat sink
for
8 amps anyway, I'd just use an off the shelf part and maybe
parallel two pass transistors on it. You could put all the
parts on the
heat sink, so that from your circuits point of view it was
just 3
connections as if it were just a 78xx part.

Mike Yetsko
N1DVJ

Date: Fri, 19 Feb 1999 07:45:56 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33540] Re: UPS vs. USPS

Message-ID: <199902191246.MAA26646@out5.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Thu, 18 Feb 1999 22:59:52 -0500, Hank Kohl K8DD wrote:

>The way it sounds, Mr. Murphy visits both
>the UPS and USPS. And quite regularly, too!

Ah, but UPS will not pay a claim on used radio equipment. They just don't cover it. The postal service will, and is cheaper for small packages, and faster too. The thing is, if you do need to put in a claim, it takes forever to get paid.

If something has a high value, Fed Ex Economy is the way to go, but it is more expensive. For small, lower value items, I use the postal service, largely due to *bad* experiences with UPS.

73,
Caity
KU4QD

Caitlyn M. Martin	"They have computers... and may have
cait.martin@ibm.net	other weapons of mass
http://www.caitys-world.com	destruction" -Janet Reno

Date: Fri, 19 Feb 1999 07:01:07 -0600
From: "Michael Seedman" <mseedman@interaccess.com>
To: <jdolson@iserv.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33541] RE: Need 7805 > 3 amp
Message-ID: <000801be5c07\$ea594d00\$d20200c0@mseedman.interaccess.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'd check out the LM2575. It's a little switcher. Add a diode and an inductor and you've got a much more efficient 5v regulator.

Michael

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Jim Dolson

Sent: Thursday, February 18, 1999 11:03 PM

To: Low Power Amateur Radio Discussion

Subject: Need 7805 > 3 amp

Has anyone heard of a 7805 5 volt regulator (anything from 5-8 volt regulator would be OK actually) that is rated for more than 3 amps (8 amps would be perfect).

My dad tells me they exist, but the regulators that I can find only handle 1A max.

Thanks,

Jim
jdolson@iserv.net
wb8zbd

Date: Fri, 19 Feb 1999 05:19:16 -0800

From: "Radman" <radman@best.com>

To: <jdolson@iserv.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [33542] Re: Need 7805 > 3 amp

Message-ID: <199902191316.FAA21737@proxy4.ba.best.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Electronix Express has the LM338K -- Part number: N10338-K

-- Adjustable -- 5amp -- TO-3 Pack --USD\$ 4.75 ea.

URL: http://www.elexp.com/ics_309k.htm

or call: Phone 1-800-972-2225 (In NJ 1-732-381-8020)

GL/72 - Conrad -- NN6CW

Has anyone heard of a 7805 5 volt regulator (anything from 5-8 volt regulator would be OK actually) that is rated for more than 3 amps (8 amps would be perfect).

Jim
jdolson@iserv.net

wb8zbd

Date: Fri, 19 Feb 1999 07:38:06 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33543] Re: QQ issues prior to Jan 1980
Message-ID: <Pine.LNX.3.95.990219073728.4434D-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....I'm pretty sure I have one of those around here Bruce...count me in...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

Date: Fri, 19 Feb 1999 08:42:21 -0500
From: Scott Howell <showell@hq.nasa.gov>
To: beaks@westco.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33544] Re: UPS
Message-ID: <3.0.5.32.19990219084221.007e9810@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

guess I'll have to rethink my position on the USPS. I guess my worst experience is when they had a package that had a bad zipper on it. Instead of using a little applied intelligence, my local office got the package and let it sit. I had to call and ask several times if they had received it. eventually someone said "oh, why yes its been here waiting for you." Of course I said that gee, I paid for the delivery and so you should do that. Of course they agreed and said they'd take it over right away to the postman's bucket and be sure I got it.

Well didn't and then I got pretty cranked and called a manager who did then personally take it over there and thus it got delivered. It was just one of those things that I had never experienced I guess with UPS. In any case this wasn't the only time, but ok.

Also, in retrospect UPS won't get your pkg and hold it like the post office will. Come to think of it I wish the USPS would do what UPS does and thus there'd be little problem.

72/73 de Scott/n3byy

Fists #5030

Date: Fri, 19 Feb 1999 07:51:11 -0600
From: crc <crc@io.com>
To: k8dd@contesting.com, QRPL <QRP-L@Lehigh.EDU>
Subject: [33545] Re: UPS vs. USPS
Message-ID: <36CD6C4F.58438900@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually , UPS and the USPS used to have two guys that went through the phone book together and divided up who they were going to treat well and who would get the raw deal. However since computers that job has been updated and made much more efficient .

Charlie WA5KRF

Date: Fri, 19 Feb 1999 09:10:28 -0500 (EST)
From: afpgreg@state.me.us (Paul V. Gregory)
To: qrp-l@Lehigh.EDU
Subject: [33546] Spies on 30m?
Message-ID: <199902191410.JAA27950@gatekeeper.ddp.state.me.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Abt 1100z yesterday morning I heard on 10.120ish someone sending five-letter groups at approx 10 wpm. Compete gibberish. Easily 599 into midcoast Maine. Rest of band was dead.

I know 30m is a shared service. I'm curious with whom. Massad?

--N1ZR, Paul

Date: Fri, 19 Feb 1999 09:23:22 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [33547] Re: HW-9 "Front End"
Message-ID: <36CD73D9.8DF7A74B@arrl.org>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've worked 250+ stations on 80 CW during CW SS with a horizontal loop and
HW-9
with a 400 Hz crystal filter. QRP Power has ND3P's mod--Zack W1VT

Date: Fri, 19 Feb 1999 06:29:37 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [33548] NorCal 20 Customer Service
Message-ID: <2.2.32.19990219142937.00e3c71c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just wanted to mention the OUTSTANDING effort being made by
Dave Fifield in providing almost instant answers and help to
those of us who need it with the NorCal 20.
THANKS Dave! GREAT rig!

72,,,Jerry...WA6OWR...K

ps...sure would like to see this rig commercially in the future!

Date: Fri, 19 Feb 1999 07:29:59 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: kl7h@eagle.ptialaska.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33549] Re: QQ issues prior to Jan 1980
Message-ID: <36CD7566.5EAC2A89@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Where do I send the check? I would pay in advance for the CD-ROM. The CD could be priced to cover all costs associated with getting it out. If enough of us put our faith in the effort, financing the project would be no problem. How about it? Is anyone else willing to pay in advance for the CD-ROM?

Bruce kk7zz

Bruce Hopkins - KL7H wrote:

```
> Hi Gang...
>
> I sure hope that Chuck's quest shakes a complete set of QQ out of the
> woodwork... I sure would like to have the complete novella on CD-Rom...
> But as I see it, Chuck should not have to bear the cost of to do us all a
> favor !!!
>
> Let's see, with only 1000 members active on the list that would work
> out to 30 cents each... Some can't afford it...8^) Some won't pay it...
> 8^( Some will forget it... 8^0 So Chuck, if you do find a set and
> have to pony up for their rental, you can count me in for a "Green
> Stamp"... How about it guys ???
>
> Thanks for all your time and effort in this matter Chuck... Take care
> and have fun...
>
> 72 / 73 / oo's - Bruce - KL7H
> Fairbanks, Alaska
>
> "Alaska QRP Club" - Web Site: http://www.ptialaska.net/~bhopkins/akqrp
> - 10 Meter Beacon: 28.2825 +/- KL7AQC / BCN
```

Date: Fri, 19 Feb 1999 08:21:56 -0600
From: Bcieslak@ra.rockwell.com
To: QRP-L@lehigh.edu
Subject: [33550] RE: W5ZHB SK
Message-ID: <8625671D.004EBFDF.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Our hearts go out to you and your family.....Make sure you notify QST for the Silent Key posting....I takes a few months

to show up.

Brian AE9K

Date: Fri, 19 Feb 1999 15:45:08 +0100
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <paule@sfu.ca>, "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [33551] AW: K2 in contest conditions?
Message-ID: <000201be5c16\$f0ada3e0\$0e21e8c3@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

PAUL,
at 40 meter band overhere in Germany we have sereious contest conditions every evening. Al the European big guns with signals up to S9+40 plus lots of BC stn. I measured the RF Sum signal at the end of my 41 m long, 23 m up endfeed zepp severel times BEHIND the ATU. Allthough the ATU should give some extra selectivity plus some lost, I found between 150 mV and 350 mV RF at 50 Ohm. If I have to do measurements with a scope at low ranges, I have to disconnect the feeders to bring it outside of the building (I use a rope to bring it outside and pull it back again :-)
If I dont do so, I see the envelope of the sum of lots of BC stn as a signal at the scope.

The K2 handles this all without using the attenuator. Inbandsignals are handled the way that I can listen to S2 and after that to a S9+30 signal without using an RF-Gain regulator.

I like the possility to have 3 filter positions with different bandwidths, that I can choose the bandwidth for this filters by myself AND that I can set the BFO to a position I like. The different does not modify the CW tone I hear, but it modifies the sound of the background. I like a CW pitch as low as 400 Hz, but I hate low tone backround sound. So I have choosen settings that enable a 400 Hz pitch and depending of the BFO setting a high tone background noise.

By the way, the background noise level is much smaller than that of my FT1000

72 de Peter
DL2FI

> -----Urspr ngliche Nachricht-----
> Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag
> von Paul Erickson
> Gesendet am: Freitag, 19. Februar 1999 09:20
> An: Low Power Amateur Radio Discussion
> Betreff: K2 in contest conditions?
>
> I would really appreciate hearing from anyone who uses the
> K2 in a serious contest effort. If it's ability to handle
> strong adjcent signals, and it's computer control is up to snuff,
> I will probably be in the market.
>
> Will have to sell off a few items to finance it. Anyone interested
> in some cw filters for the ts930/940/850 or a OHR 400 with or
> without a KC-2?
>
> cheers, Paul - VE7CQK - email: paule@sfu.ca
>
>

Date: Fri, 19 Feb 1999 08:57:08 -0600
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33552] KPC3, 20M SSB sold
Message-ID: <00b401be5c18\$1f62ed20\$6c1115ac@classifiedventures.com>

Folks,

the KPC3 and 20M SSB rigs are sold.

72/73, chris aa9hd

Date: Fri, 19 Feb 1999 09:15:20 -0600
From: kkanalz@optelinc.com
To: rakefet@rakefet.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33553] Re: Antenna modeling question - magic possible?

Message-ID: <8625671D.005410C4.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

When you're doing your modelling, Vic, are you ALSO checking the takeoff angle of radiation to determine where this "improved gain" is going? Like you, I kind of suspect the values you're getting, but you COULD be seeing an improved gain -- the only question is, "in which direction"? Perhaps L.B. (W4RNL) could shed some light on your results...?

Karl K. - W8TIF
McKinney, Texas

Vic Rosenthal <rakefet@rakefet.com> on 02/18/99 06:46:59 PM

Please respond to rakefet@rakefet.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Antenna modeling question - magic possible?

<snip>

When I model this with ELNEC, it says that the gain
My question is: what am I missing here? It looks to me that if I zepp-feed the mast at the top, I'll have a dynamite antenna! <slash>

73,
Vic, K2VCO
Fresno CA

Date: Fri, 19 Feb 1999 09:21:05 -0600 (CST)
From: rspenc@creighton.edu
To: qrp-l@lehigh.edu
Subject: [33554] Sierra parts list
Message-ID: <Pine.HPX.4.05.9902190916530.28825-100000@bluejay.creighton.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone kindly direct me to the source of a Norcal Sierra parts list? I had one on diskette but it became corrupted (probably with a virus since the FAT says there are 4 GB files on the diskette). I have a new handbook coming but don't think those details (source, part number) are in the article. Pse respond directly to conserve BW.

Tnx much!!!!

Rich WK2A
rspenc@creighton.edu

Date: Fri, 19 Feb 1999 09:28:45 -0600
From: kkanalz@optelinc.com
To: crc@io.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33555] Re: UPS vs. USPS
Message-ID: <8625671D.00554B63.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

That's EXACTLY WHY (the advent of computers) now
everybody gets a bad deal from BOTH the U.S. Post
Office AND United Parcel Service!

Karl K - W8TIF
McKinney, Texas

crc <crc@io.com> on 02/19/99 07:51:11 AM

Please respond to crc@io.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/0ptel)

Subject: Re: UPS vs. USPS

Actually , UPS and the USPS used to have two guys that went through the phone book together and divided up who they were going to treat well and who would get the raw deal. However since computers that job has been updated and made much more efficient .
Charlie WA5KRF

Date: Fri, 19 Feb 1999 10:32:23 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-1@lehigh.edu
Subject: [33556] Re: Need 7805 > 3 amp
Message-ID: <Pine.SOL.3.92.990219102237.12972A-1000000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim WB8ZBD asked about 7805-ish regulators rated at more than 3 amps...

>From my brand spanking new Digi-Key catalogue that just arrived today (life is good... :-):

- LM338 - 5 amps, adjustable
- LT1083 - 7.5 amps, fixed (5, 12V) or adjustable
- LT1084 - 5 amps, fixed (3.3, 5, 12V) or adjustable

The latter two are fancy low-dropout jobs (with very interesting data sheets). Nothing special about Digi-Key for this, except that I happen to have their new catalogue

right in front of me.

If you want to go higher than this it's time for big
pass transistors with big heatsinks, or switching
regulators. Non-trivial, either way.

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
- Hospital/Shafte

Date: Fri, 19 Feb 1999 16:35:06 +0100
From: "=?iso-8859-1?Q?Hans_Sundstr=F6m?=" <hans.sundstrom@telia.com>
To: <jdolson@iserv.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33557] SV: Need 7805 > 3 amp
Message-ID: <01be5c1d\$6d513c80\$LocalHost@sm4atj>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi!

Ain t sure if you meen that 3 amps is OK - if so you have the 78T05CT that
can handle 3 amps in a T0220. If you need more, try LT1038 from Linear
Technology in a T03, that one handles 10 amps.

Both 5 volts of course.

Good luck...

73 s

Hans / SM4ATJ

-----Ursprungligt meddelande-----

Fr n: Jim Dolson <jdolson@iserv.net>
Till: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Datum: den 19 februari 1999 06:12
mne: Need 7805 > 3 amp

>Has anyone heard of a 7805 5 volt regulator (anything from 5-8 volt
>regulator would be OK actually) that is rated for more than 3 amps (8
>amps would be perfect).

>

>My dad tells me they exist, but the regulators that I can find only
>handle 1A max.

>

>Thanks,

>
>Jim
>jdolson@iserv.net
>wb8zbd
>

Date: Fri, 19 Feb 1999 10:37:05 -0500
From: Jim Lyons <lyons@canada.com>
To: qrp-l@lehigh.edu
Subject: [33558] Problem with NC20 TX
Message-ID: <3.0.5.32.19990219103705.007cdac0@mail.globalserve.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's the story.

I have no scope but have a DVM with homebrew diode probe and a 600 MHz frequency counter.

The RX is working well but I get zero output from the TX. At U7 I detect a 5 MHz signal at Pin 1, a 9 MHz at pin 6 but a 5 MHz rather than a 14 MHz signal at pins 4 and 5. I can hear a 14 MHz signal on the station RX when I bring a short antenna close to the NC20 and I can peak this on the S-meter using TC9 (two sharp peaks) but can't get a peak using TC8. I've removed and checked both C70 and TC8 and both show the correct value. I've rewound T5 on a fresh T37-2 core and still no joy. Voltages on the 612 are close to specification including those I measure with the diode probe.

The next step is to replace the NE612 but, before I start unsoldering it, has anyone other ideas.

Jim Lyons, VE2KN
Montreal

Date: Fri, 19 Feb 1999 09:35:45 -0600
From: kkanalz@optelinc.com
To: kizerian@ced.utah.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33559] Re: QQ issues prior to Jan 1980
Message-ID: <8625671D.0055EF19.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

You bet, Bruce! I'd be MORE than happy to pay in advance for a much-hoped-for archive CD ROM of all those back issues! In fact, I'd be willing to pay for TWO copies; the second copy being donated (by Chuck or ?) to a worthy organization/individual/club/etc.

Karl K. - W8TIF
McKinney, Texas

Bruce Kizerian <kizerian@ced.utah.edu> on 02/19/99 08:29:59 AM

Please respond to kizerian@ced.utah.edu

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: QQ issues prior to Jan 1980

Where do I send the check? I would pay in advance for the CD-ROM. The CD could be priced to cover all costs associated with getting it out. If enough of us put our faith in the effort, financing the project would be no problem. How about it? Is anyone else willing to pay in advance for the CD-ROM?

Bruce kk7zz

Date: Fri, 19 Feb 1999 07:41:08 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: kkanalz@optelinc.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33560] Re: Antenna modeling question - magic possible?
Message-ID: <36CD8614.26E413E3@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

kkanalz@optelinc.com wrote:

>
> When you're doing your modelling, Vic, are you ALSO checking
> the takeoff angle of radiation to determine where this "improved gain"
> is going? Like you, I kind of suspect the values you're getting, but
> you COULD be seeing an improved gain -- the only question is,
> "in which direction"?

Yes, that's just it -- I'm looking at the low angles, and that's where it's better. However, I suspect that the problem is going to be that the impedance at the feedpoint will be so outrageous (very high or very low) that the loss in the feedline will cancel out any theoretical gain.

73,
Vic, K2VCO
Fresno CA

Date: Fri, 19 Feb 1999 09:51:32 -0600
From: "Ross S. Crossland" <rossgolf@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33561] Re: QQ issues prior to Jan 1980
Message-ID: <36CD8884.862@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Count me in to pay in advance for the CD, and I will advance some expense money if that would help.

Ross
W5NV

Bruce Kizerian wrote:

>
> Where do I send the check? I would pay in advance for the CD-ROM. The CD could
> be priced to cover all costs associated with getting it out. If enough of us
> put our faith in the effort, financing the project would be no problem. How
> about it? Is anyone else willing to pay in advance for the CD-ROM?
>
> Bruce kk7zz
>
> Bruce Hopkins - KL7H wrote:
>
> > Hi Gang...
> >
> > I sure hope that Chuck's quest shakes a complete set of QQ out of the
> > woodwork... I sure would like to have the complete novella on CD-Rom...
> > But as I see it, Chuck should not have to bear the cost of to do us all a
> > favor !!!
> >
> > Let's see, with only 1000 members active on the list that would work
> > out to 30 cents each... Some can't afford it...8^) Some won't pay it...
> > 8^(Some will forget it... 8^0 So Chuck, if you do find a set and
> > have to pony up for their rental, you can count me in for a "Green
> > Stamp"... How about it guys ???
> >
> > Thanks for all your time and effort in this matter Chuck... Take care
> > and have fun...
> >
> > 72 / 73 / oo's - Bruce - KL7H
> > Fairbanks, Alaska
> >
> > "Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>
> > - 10 Meter Beacon: 28.2825 +/- KL7AQC / BCN

Date: Fri, 19 Feb 1999 09:07:07 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@lehigh.edu
Cc: GQRP-L List <qgrp-l@blacksheep.org>, cqclist@mtechnologies.com
Subject: [33562] GM STORM in Progress 18-19FEB
Message-ID: <Pine.SOL.3.91.990219084749.4309A-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
MINOR to MAJOR GEOMAGNETIC STORMING has been occurring since about 0300Z

18 February, and should continue through today (Friday 19FEB). This is the result of a strong, and unexpected, solar shock wave from the M-class flare that occurred on 16FEB. Solar wind speeds have exceeded 700 km/sec with high particle density ... characteristic of a particle shock wave from a Coronal Mass Ejection (CME), where a solar flare ejects copious amounts of particles into space. Evidently, this CME smacked the Earth fairly "head on." The sudden increase in solar wind, density, and direction disturbed our magnetic field, causing it to generate huge electrical currents ... and hence the huge noise and bursty static on HF.

The average transit time for particle radiation to reach the earth from the sun is 55 hours; the transit time of this shock wave was only 47 hours! It smacked into our magnetic field at 0250UTC 18 FEB.

The K index has ranged between 5 and 7 (Minor to Major storm levels) since the shock wave arrived. Preliminary A-index is in the 50's.

At 0300UTC 19FEB (24 hours AFTER the storm began)

- * Solar flux = 168

- * K index = 5 (MINOR storm levels)

SYNOPSIS: Your radio or antenna is not dead. 40M and 80M will remain very noisy the remainder of the day.

The solar flux (168) is high enough to support good skip propagation up to 10M, so the higher bands remain in good shape for QRPers.

Hats off to KU7Y, the FOX station last night in the U.S., who worked just shy of 100 contacts during a MAJOR GEOMAGNETIC STORM. Good job, Ron.

THE ARRL DX CONTEST this weekend, will probably experience the lingering effects of this geomagnetic storm with ACTIVE conditions until Saturday evening. Solar flux is good, so I would recommend working the higher bands as long as you can, dropping to 40M late evening.

72 es GL, Paul NA5N

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z:
> THE GEOMAGNETIC FIELD WAS AT ACTIVE TO SEVERE STORM LEVELS THROUGHOUT
> THE PERIOD. A SUDDEN STORM COMMENCEMENT MEASURING 43 NANOTESLAS AT
> BOULDER, OCCURRED AT 0250Z. THE ACE SPACECRAFT MEASURED SOLAR WIND
> VELOCITIES NEAR 700 KM/S, AND SOUTHWARD IMF OF APPROXIMATELY 20 NT,
> FOR HOURS FOLLOWING THE PASSAGE OF THE SHOCK. THE SOLAR ORIGIN OF
> THIS ACTIVITY IS THOUGHT TO BE THE LONG-DURATION M-CLASS EVENT FROM
> NEAR CENTER DISK, EARLY ON FEBRUARY 16. A FORBUSH DECREASE BEGAN
> EARLY IN THE DAY, AS SEEN IN NEUTRON MONITOR DATA.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
> EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVELS FOR THE NEXT 24
> HOURS. THE CURRENT STORM SHOULD GRADUALLY WEAKEN, ALTHOUGH EPISODES
> OF MAJOR STORM MAY OCCUR DURING LOCAL NIGHTTIMES. THE SOLAR WIND
> SPEED AT ACE IS STILL ABOVE 600 KM/S, BUT THE SOUTHWARD COMPONENT OF
> THE IMF IS NOW NEAR ZERO. THE RETURN TO MORE BENIGN CONDITIONS
> SHOULD BRING QUIET TO UNSETTLED LEVELS BY FEBRUARY 21.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 18 FEB 168
> PREDICTED 19 FEB-21 FEB 160/155/150
> 90 DAY MEAN 18 FEB 146

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 17 FEB 015/016
> ESTIMATED AFR/AP 18 FEB 060/050 <----- STORM LEVELS
> PREDICTED AFR/AP 19 FEB-21 FEB 030/030-015/015-005/010
 ^^^^^ ^^^^^ ^^^^^
 FRI SAT SUN

Date: Fri, 19 Feb 1999 10:29:02 -0600
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [33563] OHR rig sold
Message-ID: <005101be5c24\$f631f600\$6c1115ac@classifiedventures.com>

Folks--

The OHR 40m rig is sold.

thanks, chris aa9hd

Date: Fri, 19 Feb 1999 09:36:20 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@lehigh.edu
Subject: [33564] Thurs nite FOX/HF Storming
Message-ID: <Pine.SOL.3.91.990219092129.4309B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

To all FOX hunters (and the FOX):

Last night's FOX Hunt was conducted during a MAJOR Geomagnetic Storm. The K-index was 5 (and still is); estimated A-Index in the 50's; it doesn't get much worse than that short of total absorption and black out conditions (A SEVERE geomagnetic storm).

Congratulations to Ron, KU7Y for working nearly 100 stations as the FOX, and for all who participated during these extreme conditions.

I remember when I was a QRO op, running at least 100W, I wouldn't even try to work through such conditions. But as a QRPer, we develop a much higher tolerance for band conditions/weak signal work that can't be ignored.

The MORAL OF THE STORY ... is everyone of you who operate under such conditions should be proud of yourselves. Some of you newer hams and QRPers often apologize for your slower code speed, poor operating skills, etc. BALONEY ... working QRP through such conditions is proof positive of some darn good operating skills that few hams would attempt. Don't sell yourself short -- you're the cream of the crop.

Have a good day,
72, Paul NA5N

Date: Fri, 19 Feb 1999 09:05:57 -0800
From: "Radman" <radman@best.com>
To: <lha@sdr.utias.utoronto.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [33565] Re: Need 7805 > 3 amp (data sheets)
Message-ID: <199902191702.JAA11322@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Laura notes:

LT1083 - 7.5 amps, fixed (5, 12V) or adjustable
LT1084 - 5 amps, fixed (3.3, 5, 12V) or adjustable

Interesting "low-drop" possibilities, Laura :-) !!

Thanks, I wasn't aware of them 'till your post.

If any wish to review the data sheets surf over to Linear Technology's site:

<http://www.linear-tech.com/prodinfo/dslist.html>

72 - Conrad - NN6CW

Date: Fri, 19 Feb 1999 11:10:07 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33566] Re: KU7Y Fox Log Note
Message-ID: <36CD9AEF.91CEB1E9@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually, Ron, the secret is that we pesky Texans have learned to shrink radio waves so that all our antennas are "gain" antennas, regardless of physical size. We also can rotate dipoles, rhombics and vees readily. Plus, all our antennas are no lower than 150 ft fed with lossless feedlines. And, all our wattmeters are intentionally miscalibrated so that we are actually radiating no more than 5 MILLIWATTS, just to make things fair and even.

Thought the rest of you guys should know . . . since we are actually sworn to always tell the truth!

Thanks for the pelt, Ron - honestly, the CMOS III was set for 22 wpm but it sure sounded slow compared to your exchanges! Waited until 0127 before working you just to give the other guys a chance . . . ;^)

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Ron Stark wrote:

>

> Hi Again,

> Only one states had double digit numbers of hounds....

> Yep, it were them peskey Texans!

>
> 18 from TX!
>
>> I don't think I found a weak Texan tonight.... they must
> own all the antennas.... :-)

Date: Fri, 19 Feb 1999 12:17:21 EST
From: KB9OCE@aol.com
To: radman@best.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33567] Re: Father of the Bride... ?
Message-ID: <73768efa.36cd9ca1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-02-18 18:33:00 EST, you write:

<< Will father's who've paid for "D-Day" be reimbursed in
heaven, etc -- perhaps with QRP equipment purchase
vouchers ;) ? >>

~(my tongue in cheek reply.....

Conrad,

Funny you'd ask that. I once asked a priest that very same question, and he
said no. BUT there won't be any antenna restrictions and look how high the
antenna will be! Holy Cow...we'll even be able to contact Art Bell's friends.
PLUS we get back all the frequencies we lost over the years! Can't wait to get
that first qsl...bet they'll never be lost in the mail.

73

Mike Truax,
Portage, IN

Date: Fri, 19 Feb 1999 18:31:02 +0100
From: "David Reid" <dareid@Synopsys.COM>
To: jwbennett@sprintmail.com
Cc: qrp-l@lehigh.edu
Subject: [33568] Re: Norcal QRPizza update
Message-ID: <199902191731.SAA24609@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

James,
Either Saturday or Tuesday is fine for me - no probs.
I look forward to meeting a bunch of you guys...

I sent an invite to Eric as well... but he is probably too busy with the K2 kits... been told I can't have mine yet, cos not all the parts have arrived...boohoo..

Dave
PA3HBB / G0BZF
(currently working in Sunnyvale until the end of the month....)

(can someone bring a built K2 so I can check it out.. and start slobbering over the table?)

Date sent: Thu, 18 Feb 1999 22:07:14 -0800
Send reply to: jwbennett@sprintmail.com
From: James Bennett <jwbennett@sprintmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: Norcal QRPizza update

> Gang,
> So far I have 1 indicating Saturday is ok, and one for
> Tuesday. So is anyone else interested in getting together for pizza
> and to meet with a visiting QRPer David Reid PA3HBB.
>
> Let's try for Tuesday evening Feb.23 (starting 7PM) as the weekend
> seems busy for a lot of folks.
>
> Location: Round Table Pizza in Mountain View.
> It is located on El Camino Real just West of 85 at El Camino and Grant.
> Address: 157 East El Camino Real, Mountain View
> Phone 650-968-4353
> Date February 23
> Time: 7PM
>
> So, if you would like to attend, please drop me an email and I will
> make arrangements for the expected attendance.
> Thanks,
> James Bennett
> KA5DVS/6
>

De Dave
PA3HBB / G0BZF
GQRP- 3677
Licensed since 1981
(GM6JLQ, GI6JLQ, EI7VJF, GW6JLQ, GM0BZF, GJ0BZF, G0BZF,
PA3HBB, DL/G0BZF, PA/G0BZF, DL/PA3HBB, LY/G0BZF, LY/PA3HBB)
winner of QRP section of AGCW Summer 98 contest.

Date: Fri, 19 Feb 99 11:42:25 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [33569] QQ Back Issues and CD ROM
Message-ID: <E10DtvG-0000vT-00@smtp.ticnet.com>

Gang,

Don't start any rumors and don't start figuring out
how and where to send money. I'll foot the bill up
front and we'll worry about any need for reimbursement
later if at all. I'm not doing this for money. It is
to fill a void that needs filling. Know what I mean kid?

Getting a collection of all QRP ARCI Quarterly
issues has been a personal project of mine for a
number of years. I put notes in QQ and I've posted
to this group with no luck. There is a good possibility
that a complete set does not exist on the face of
this planet. This is why clubs need to make sure
that there is continuity in passing on the history.
Every day that goes by puts the probability of completion
lower and lower until we hit zero, nada, zip, kein mier,
no mas,

Again, I have every issue, either original or a copy
that Doug Hendricks sold, starting with Jan 1980.
Some issues are not the greatest in quality
on the photos, so that may be an issue later on to go
and find the originals to scan in. Another side issue/
project is to redo the schematics and correct typos
etc. With notes that some editing has been done.
The main idea is to preserve the originals for those
that like to go back in time and visit and see how it
was in the "old days". There jems in them thar hills
boys and girls. True gems that still work today.

Others like George, N2APB, are working on getting a complete set also, so maybe someone will get lucky and find the missing issues. The clock is ticking on the cash offer for a complete set prior to Jan 1980.

If I need help on getting this done in a timely manner I will post to the group-at-large and we can work on a plan, timelines, etc. But this will not start until we get a significant portion of the material together. Hate to do it halfway, but that may happen also.

Now if anyone finds one or two issues and is willing to pay postage one way then let me know and I'd like to borrow the issue or issues. I'll keep a road map and avoid dups and fill later but hold off on this until we find out that a complete set does not exist in California or in any other state. Rumors are flying.

And I still have my part of the Milliwatt project too and that was a great project that a lot of work was put into....

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Fri, 19 Feb 1999 09:37:30 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33570] Re: Thurs nite FOX/HF Storming
Message-ID: <Pine.SOL.3.96.990219092604.17895C-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 19 Feb 1999, Paul Harden wrote:

>

> Last night's FOX Hunt was conducted during a MAJOR Geomagnetic Storm.

Ah, at least it wasn't my imagination! :-)

> The MORAL OF THE STORY ... is everyone of you who operate under such
> conditions should be proud of yourselves. Some of you newer hams and

> QRPers often apologize for your slower code speed, poor operating skills,
> etc. BALONEY ... working QRP through such conditions is proof positive
> of some darn good operating skills that few hams would attempt. Don't
> sell yourself short -- you're the cream of the crop.

Paul is right on with this.

During the later half of the hunt, many of you had to keep
sending and sending your info for me to copy it.

The fact that you all just hung in there and made it happen
says so very much about QRPers!

You folks really are the cream of the crop.

And just look at the code speed.... how many of you really
thought that you would be able to handle anything at the
30wpm range? Yet you tried and you DID IT!

Yessiree, you all don't need to back up from anything!

While we might disagree on how to send a package, we can
sure agree on how much fun QRP is regardless of the Condx!

Thanks to Paul for explaining what happened last night!

For those of you that have never heard Paul give a talk,
try to get to one.... it's really worth it. Not only does
he know what he's talking about but he can explain it
so that even guys like me can understand it!

Heck, the first time I listened to him talk, he explained
just how a typical 40m QRP radio works and NEVER used any
math at all..... I knew then that I liked his style! :-)

Back to work.... cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 19 Feb 1999 10:39:16 -0700 (MST)
From: Joe Gervais <vole@primenet.com>

To: qrp-1@Lehigh.EDU
Subject: [33571] CQ WD6FDD (Rich Wilkerson)
Message-ID: <199902191739.KAA28603@usr08.primenet.com>

Howdy Folks,

Very sorry for the bandwidth, but Rich's email address keeps bouncing, and I know he reads the QRP-L digests.

Rich - Your sciti.org site keeps bouncing as an "unknown host". So if your mailbox has been empty lately, this may be the reason. :-)

Another reason to get you back on the air - HF doesn't have problems with corrupt routing tables. :) 'Course instead, it has QRN, QSB and solar storms. *8-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Fri, 19 Feb 1999 13:00:34 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33572] Re: KU7Y Fox Log Note
Message-ID: <36CDA6C2.450AACF3@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ron Stark wrote:

>
> I found Hounds in 29 states tonight plus Canada.
>
> Only one states had double digit numbers of hounds....
> Yep, it were them peskey Texans!
>
> 18 from TX!

>
> I don't think I found a weak Texan tonight.... they must
> own all the antennas.... :-)

> What's new????

Tom, N1TP

>
>

>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 19 Feb 1999 13:04:33 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33573] Re: KU7Y Fox Log Note
Message-ID: <36CDA7B1.D372CF14@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Now we all know the TRUTH.
Tom, N1TP

"George T. Baker" wrote:

> Actually, Ron, the secret is that we pesky Texans have learned to shrink
> radio waves so that all our antennas are "gain" antennas, regardless of
> physical size. We also can rotate dipoles, rhombics and vees readily.
> Plus, all our antennas are no lower than 150 ft fed with lossless
> feedlines. And, all our wattmeters are intentionally miscalibrated so
> that we are actually radiating no more than 5 MILLIWATTS, just to make
> things fair and even.
>
> Thought the rest of you guys should know . . . since we are actually
> sworn to always tell the truth!
>
> Thanks for the pelt, Ron - honestly, the CMOS III was set for 22 wpm but
> it sure sounded slow compared to your exchanges! Waited until 0127 before
> working you just to give the other guys a chance . . . ;^)

>
> 72/73, George
> Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
> AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
> QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE
>
> Ron Stark wrote:
> >
> > Hi Again,
>
> > Only one states had double digit numbers of hounds....
> > Yep, it were them peskey Texans!
> >
> > 18 from TX!
> >
> >> I don't think I found a weak Texan tonight.... they must
> > own all the antennas.... :-)

Date: Fri, 19 Feb 1999 13:09:15 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [33574] Re: Thurs nite FOX/HF Storming
Message-ID: <36CDA8CB.AAA11949@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

91 hounds under those conditions.

That says something about Ron AND
the hounds.

Tom, N1TP

Ron Stark wrote:

> On Fri, 19 Feb 1999, Paul Harden wrote:
>
> >
> > Last night's FOX Hunt was conducted during a MAJOR Geomagnetic Storm.
>
> Ah, at least it wasn't my imaganation! :-)
>

>
> > The MORAL OF THE STORY ... is everyone of you who operate under such
> > conditions should be proud of yourselves. Some of you newer hams and
> > QRPers often apologize for your slower code speed, poor operating skills,
> > etc. BALONEY ... working QRP through such conditions is proof positive
> > of some darn good operating skills that few hams would attempt. Don't
> > sell yourself short -- you're the cream of the crop.
>
> Paul is right on with this.
>
> During the later half of the hunt, many of you had to keep
> sending and sending your info for me to copy it.
>
> The fact that you all just hung in there and made it happen
> says so very much about QRPers!
>
> You folks really are the cream of the crop.
>
> And just look at the code speed.... how many of you really
> thought that you would be able to handle anything at the
> 30wpm range? Yet you tried and you DID IT!
>
> Yessiree, you all don't need to back up from anything!
>
> While we might disagree on how to send a package, we can
> sure agree on how much fun QRP is regardless of the Condx!
>
> Thanks to Paul for explaining what happened last night!
>
> For those of you that have never heard Paul give a talk,
> try to get to one.... it's really worth it. Not only does
> he know what he's talking about but he can explain it
> so that even guys like me can understand it!
>
> Heck, the first time I listened to him talk, he explained
> just how a typical 40m QRP radio works and NEVER used any
> math at all..... I knew then that I liked his style! :-)
>
> Back to work.... cul,
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 19 Feb 1999 13:09:38 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33575] Re: Thurs nite FOX/HF Storming
Message-ID: <36CDA8E2.36DA3B1@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

91 pelts under those conditions.

That says something about Ron AND
the hounds.

Tom, N1TP

Ron Stark wrote:

> On Fri, 19 Feb 1999, Paul Harden wrote:
>
> >
> > Last night's FOX Hunt was conducted during a MAJOR Geomagnetic Storm.
>
> Ah, at least it wasn't my imagination! :-)
>
>
> > The MORAL OF THE STORY ... is everyone of you who operate under such
> > conditions should be proud of yourselves. Some of you newer hams and
> > QRPers often apologize for your slower code speed, poor operating skills,
> > etc. BALONEY ... working QRP through such conditions is proof positive
> > of some darn good operating skills that few hams would attempt. Don't
> > sell yourself short -- you're the cream of the crop.
>
> Paul is right on with this.
>
> During the later half of the hunt, many of you had to keep
> sending and sending your info for me to copy it.
>
> The fact that you all just hung in there and made it happen
> says so very much about QRPers!
>
> You folks really are the cream of the crop.
>
> And just look at the code speed.... how many of you really
> thought that you would be able to handle anything at the

> 30wpm range? Yet you tried and you DID IT!
>
> Yessiree, you all don't need to back up from anything!
>
> While we might disagree on how to send a package, we can
> sure agree on how much fun QRP is regardless of the Condx!
>
> Thanks to Paul for explaining what happened last night!
>
> For those of you that have never heard Paul give a talk,
> try to get to one.... it's really worth it. Not only does
> he know what he's talking about but he can explain it
> so that even guys like me can understand it!
>
> Heck, the first time I listened to him talk, he explained
> just how a typical 40m QRP radio works and NEVER used any
> math at all..... I knew then that I liked his style! :-)
>
> Back to work.... cul,
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 19 Feb 1999 10:07:10 -0800
From: "Andreas Junge" <andreas@atltech.com>
To: qrp-l@Lehigh.EDU
Cc: <dareid@Synopsys.COM>
Subject: [33576] RE: Norcal QRPizza update
Message-ID: <000f01be5c32\$ab33a000\$8206010a@andreasp.atltech.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

David,

I will bring mine.

Andreas, N6NU

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> David Reid
> Sent: Friday, February 19, 1999 9:31 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Norcal QRPizza update
>
>
> James,
> Either Saturday or Tuesday is fine for me - no probs.
> I look forward to meeting a bunch of you guys...
>
> I sent an invite to Eric as well... but he is probably too busy with
> the K2 kits... been told I can't have mine yet, cos not all the parts
> have arrived...boohoo..
>
> Dave
> PA3HBB / G0BZF
> (currently working in Sunnyvale until the end of the month....)
>
> (can someone bring a built K2 so I can check it out.. and start
> slobbering over the table?)
>
>
> Date sent: Thu, 18 Feb 1999 22:07:14 -0800
> Send reply to: jwbennett@sprintmail.com
> From: James Bennett <jwbennett@sprintmail.com>
> To: "Low Power Amateur Radio Discussion"
> <qrp-1@lehigh.edu>
> Subject: Norcal QRPizza update
>
> > Gang,
> > So far I have 1 indicating Saturday is ok, and one for
> > Tuesday. So is anyone else interested in getting together for pizza
> > and to meet with a visiting QRPer David Reid PA3HBB.
> >
> > Let's try for Tuesday evening Feb.23 (starting 7PM) as the weekend
> > seems busy for a lot of folks.
> >
> > Location: Round Table Pizza in Mountain View.
> > It is located on El Camino Real just West of 85 at El Camino and Grant.
> > Address: 157 East El Camino Real, Mountain View
> > Phone 650-968-4353
> > Date February 23
> > Time: 7PM
> >
> > So, if you would like to attend, please drop me an email and I will
> > make arrangements for the expected attendance.
> > Thanks,

> > James Bennett
> > KA5DVS/6
> >
>
>
> -----
> De Dave
> PA3HBB / G0BZF
> GQRP- 3677
> Licensed since 1981
> (GM6JLQ, GI6JLQ, EI7VJF, GW6JLQ, GM0BZF, GJ0BZF, G0BZF,
> PA3HBB, DL/G0BZF, PA/G0BZF, DL/PA3HBB, LY/G0BZF, LY/PA3HBB)
> winner of QRP section of AGCW Summer 98 contest.
>

Date: Fri, 19 Feb 1999 12:24:40 -0600
From: "jack" <cmb@owc.net>
To: <qrp-1@lehigh.edu>
Subject: [33577] yaesu ft-7 external vfo??
Message-ID: <000901be5c35\$1dbe85c0\$2023d6d8@cmb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

did yaesu ever make a external vfo for the ft-7??any info on the ft-7 on the
net?
thanks jack n9iif

Date: Fri, 19 Feb 1999 10:47:24 -0800
From: "Bill Todd" <bill@willapabay.org>
To: "Bruce Prior" <n7rr@hotmail.com>, <nwq-1@scn.org>, "Low Power Amateur Radio
Discussion" <qrp-1@lehigh.edu>
Subject: [33578] March 6th NW QRP/BC QRP Meeting
Message-ID: <003201be5c38\$5da3ea60\$ceadded1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello QRPers -

It looks like the NorthWest QRP Club will have a decent representation at the joint NW QRP / BC QRP March 6th meeting in Blaine, WA. Folks are getting excited about it!

So far, here is the list of NW QRPers who have committed to be there:

K7SY, Stan
W7KJ, John
KA7YOU, Rod
N7MFB, Bill
N7IVR, Dan
N7TAU, Monte
DL4MBY
and DL2MBY (XYL)
KC7MAS, Scott (one of our speakers!)
K7KXV, Roger

There will probably be other QRPers that will show up from the Bellingham radio club (The Mount Baker ARC). Also, this Sunday I will make an announcement on our regional Swap Net on 75 meters, so that might draw some interested hams as well.

C U There folks!

Bill-N7MFB
(for info on the meeting, take a look at the web page listed below)

Date: Fri, 19 Feb 1999 11:48:37 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [33579] FYB0: Confirming logs received...
Message-ID: <199902191848.LAA03992@usr09.primenet.com>

Howdy Folks,

Here's list of logs received as of 2/18/99. All are entered into the database and ready to go. Callsigns are shown in alphabetical order. If you emailed your log more than a day ago (or snailmailed more than a week ago) and your callsign is not listed, please let me know. Thanks!

FYBO '99 Logs (as of 2/18/99)

AA8PJ	AB0GO	AB5UA	AB6MB	AB7MY	AB7TT	AB8DF
AE2T	AF5Z	AI4CW	AK7Y	AL7FS	JR0BAQ	K1QM
K4GEL	K5LN	K7GT	K7TQ	K8CV	KB6FPW	KB9LCK
KC5T	KG7PV	KI0G	KI7MN	KJ5TF	KK6MC/5	KL7H
KN6YD	KS4HQ	KU7Y	N0GLM	N0HJ	N0IBT	N0SXX
N1MVU	N2WG	N4BP	N4IU	N4ROA	N5TW	N6WG
NA3V	NQ7X	NS80	W2EB	W3MWY	W4EEX	W4IM/7
W5VBO	W6OTX	W6PRI	W6WY	W7TAO	W8RXI	WA5WHN
WA6GER	WA8GHZ/5	WD7Y	WD8RIF	WE6W	WQ0RP	

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Fri, 19 Feb 1999 14:56:04 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: Chuck Adams <adams@ticnet.com>
Cc: QRP Reflector <qrp-l@lehigh.edu>
Subject: [33580] Re: QQ Back Issues and CD ROM
Message-ID: <Pine.LNX.3.93.990219145336.645I-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 19 Feb 1999, Chuck Adams wrote:

> And I still have my part of the Milliwatt project too and that was

What ever happened to that? I was "typer" or is that "typee" <g> of chapter 15, was looking forward to a CD release...

-- Chris Cartwright,	Technical Engineer		ccart@vidtel.com	--
-- N3XRV	ARRL-VE	Norcal Zombie #163		Gaithersburg, MD FM19je --
-- MDmW #5	NJ-QRP #105	QRP-L #655	NORCAL #1891	FISTS #5028
				QRP-ARCI #9271 --

Date: Fri, 19 Feb 1999 12:18:09 -0800
From: Ray Colbert <af852@rgfn.epcc.edu>

To: kl7h@eagle.ptialaska.net, qrp-1@lehigh.edu
Subject: [33581] Re: QQ issues prior to Jan 1980
Message-ID: <36CDC701.64D@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Me too!

--

Ray Colbert,
(also w5xe@juno.com)
El Paso, Texas (Far West Texas)

Date: Fri, 19 Feb 1999 12:28:07 -0800
From: Ray Colbert <af852@rgfn.epcc.edu>
To: afpgreg@state.me.us, qrp-1@lehigh.edu
Subject: [33582] Re: Spies on 30m?
Message-ID: <36CDC957.4318@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There are several that use that range including Mossad. The one that has been there in recent weeks appears to be one of the CIA stations. Too many variations to get into here. There are some lists devoted strictly to "SPOOKS" as well as other utility stations.

--

Ray Colbert,
(also w5xe@juno.com)
El Paso, Texas (Far West Texas)

Date: Fri, 19 Feb 1999 11:29:26 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33583] HAARP
Message-ID: <36CDBB95.6B6673BE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looks like well get another chance to monitor a HAARP
transmission, just like in 1997.

Here is the URL for the info.

<http://w3.nrl.navy.mil/projects/haarp/hh2.html>

72/Norm
KQ6SD

Date: Fri, 19 Feb 1999 14:53:20 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [33584] FS code trainer
Message-ID: <893-36CDCF40-125@mailtod-111.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

Pocket morse code trainer for sale. Selectable code rates from 3 wpm to
31 wpm. Plays standard or Farnsworth. Size 1x3.8x2.4 (shirt pocket size)
.Runs 40hrs on one 9v battery. Headfones required.
Black case. With paperwork. Plays continuous fresh random code.
\$18.00 (S&H included)
K1zw

Date: Fri, 19 Feb 1999 13:54:33 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [33585] Re: Spies on 30m? Why not us QRPers?!
Message-ID: <199902192054.NAA17880@usr05.primenet.com>

Ray (W5XW) wrote:

>
> There are several that use that range including Mossad. The one
> that has been there in recent weeks appears to be one of the
> CIA stations. Too many variations to get into here.

Suddenly the leprechaun in me stirs....

Sure would be fun to have a "007 Activity Night". Like the Bumblebees, there would be designated "Agents" who would be provided with "secret phrases" from those old B-rate movies. You know, like "The owls sing loudly in the belfry tonight", or "The peas taste best with bacon on a rainy day."

Hunters would have to find as many Agents as they could (like a mass Fox night) and collect the phrases. Awards for most Agents found/worked, most accurate "secret phrase" copy, etc.

Can you tell I hit another rough spot in my programming? *8-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Fri, 19 Feb 1999 15:57:09 -0500
From: Michael Tracy <mtracy@arrl.org>
To: qrp-l@lehigh.edu
Subject: [33586] March 7th - NEQRP meet at ARRL HQ
Message-ID: <36CDD025.76F8BD2@arrl.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The spring meeting of the QRP Club of New England will be held Sunday, March 7th at ARRL HQ. For driving directions, see:

<http://www.arrl.org/files/infoserv/msd/visit.txt>

If you don't have web access, you can get a copy of the file by sending email to info@arrl.org with the following in the message *body*:

send visit.txt
quit

The meeting will begin at 9:00ish. I'll be here around 8. This year, there _will_ be coffee and donuts available. After lunch, we will get

to operate W1AW/QRP but will be sharing the station with a couple other folks putting in a DX phone 'test effort.

72, Michael Tracy, KC1SX

Date: Fri, 19 Feb 1999 16:35:50 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "CW Reflector" <cw@qth.net>
Cc: "SEDXC" <SEDXC@contesting.com>, "Rich Lucchesi WA2RQY" <RLucch2098@aol.com>, "QRP-L Reflector" <qrp-l@Lehigh.EDU>, "Marshall Emm" <mgemm@mtechnologies.com>, "EICO Reflector" <eico@qth.net>
Subject: [33587] Mercury Paddle for sale
Message-ID: <00e701be5c4f\$d1fa0db0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Reluctantly, I am offering my Mercury Paddle (SN: 0214) for sale. It is in perfect condition-DOES have my callsign on it-but the engraving does not appear to go through the plating-I'm told that means it can be buffed off and replated-no guarantees on that however. I would prefer not to have to take it to ebay.

Here's the deal: for the next ~2 weeks, I will accept bids-I have to go on a baseball trip with my son the latter part of the 2nd week, so the deadline is 12 noon, March 1st EST. ONE BID TO A CALLSIGN, PLEASE. The minimum guaranteed sale is \$2000. I will still accept bids below that, but I can likely get a fair amount OVER that on ebay, and I'm only willing to lose just so much, to do it here.

For those of you who think this is ridiculous, fine-don't bid-I can do without the remarks. The last ebay offering of a Mercury went for \$5000, on a completed sale. A second Mercury went for a similar amount to the #2 bidder. Obviously, this is less than half that. And yes, I ought to just go to ebay, but I'd rather not-if I can reach my minimum here. If I have to, that'll be OK too-at least I will have tried.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@mindspring.com
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)

*BoatAnchors *Test Equipment *Photography

~~~~~  
"Think you can, think you can't:  
either way you're right!"    Henry Ford  
~~~~~

Date: Fri, 19 Feb 1999 16:28:11 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [33588] VE3????
Message-ID: <7378b099.36cdd76b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Who was the VE3 station that mailed me for my address??
I think you wanted the MFJ 20-M?
Still have 1 left
Bob
WA2HOQrp <tm>

Date: Fri, 25 Dec 1998 16:55:13 -0500
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [33589] Wattmeter schematic
Message-ID: <19981225.165517.17582.0.andymeng@juno.com>

I finally have the schematic working on my webpage.
I had it linking to my hard drive.

It can be found at:

<http://207.204.29.183/kc8kfi/wattm.html>

73 de Andy KC8KFI QRP-L #1813 Cincinnati, OH
E-Mail: andymeng@juno.com E-Mail w/ attachments: kc8kfi@yahoo.com
URL: <http://www.qsl.net/kc8kfi>
Total HF QRP CW QSO's: 13

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Feb 1999 13:26:00 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: gqrp-l@blacksheep.org, qrp-l@Lehigh.EDU
Subject: [33590] Surface mount projects, almost painless, maybe?
Message-ID: <199902192126.NAA10527@netcom13.netcom.com>

I'm working on a little project that could well be done with surface-mount, and, having seen much mention of "strip board" in UK magazines, was wondering if much, or anything, has been done with it for surface mount. The larger surface mount parts are certainly easy enough to handle, and it looks like they might easily be soldered from strip to strip.

Also, in looking at the Maplin catalog, there is a program called "Stripboard Magic" that is claimed to do stripboard layouts from schematics. Does it work?

73, doug

Date: Fri, 19 Feb 1999 14:22:31 -0800
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [33591] Announcing the 1999 FLIGHT OF THE BUMBLEBEES
Message-ID: <199902192214.0AA01674@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Adventure Radio Society takes great pleasure in announcing the 1999 Flight of the Bumblebees, to be held on the last Sunday of July (July 25, 1999).

The rules for this exciting event appear below. We've done some fine tuning, so please look them over. We're especially pleased about three new "competition" categories that more closely align the event with the ARS philosophy. These are:

- Most interesting equipment,
- Most outrageous venture, and

- Most beautiful site.

We won't put a limit on the total number of Bees this year, but we would really appreciate hearing from you right away, so can put together a Bee Roster and build momentum.

To become a Bee, just send Russ Carpenter, AA7QU, an email at russ@natworld.com. Please indicate your interest in Beedom and your intended operating site.

Thanks

This is a four hour event during the last Sunday of July, running from 10:00 PDT/11:00 MDT/12:00 CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. Thus, the hours of operation accommodate all four time zones. No matter where you live, there is time to for the Bumblebees to travel to their sites, set up their stations, operate the contest, and travel back to their cars.

Both home-based and portable operations are encouraged. Participants who want to operate in the Bumblebee category apply to Adventure Radio Society for Bumblebee status. ARS assigns each Bumblebee a Bee number. Bumblebees agree to walk, bike or boat to their sites. The distance traveled to the site is at the Bumblebee's discretion. Bumblebees add "/BB" to their calls.

Group operation is welcome in the Flight of the Bumblebees. You may operate under a single call and report a single score, or under multiple calls and report multiple scores. In any event, you are limited to operating a single transmitter at a time.

Maximum power is five watts. We operate CW on 40, 20, 15 and 10 meters, on the standard QRP frequencies. We want this to be a national contest, so we encourage long-range contacts by giving double points for 20, 15 and 10 meters. 40 meter contacts will receive one point. The same station can be worked on different bands for additional QSO points and multipliers.

If you are a Bumblebee, your exchange is RST, state/province/country, and your Bumblebee number. If you are homebased, your exchange is RST, state/province/country, and your power.

Contacts with Bumblebees generate a 3X multiplier. So your score equals QSO points times (number of Bumblebees times three). Here is an example. If you make 20 contacts on 40 meters and 30 contacts on the higher bands, and make a total of 25 Bumblebee contacts, your score is (20+60) X (25 X 3), or 6,000.

Separate but equal commendations are awarded to the high scores for the homebased and Bumblebee participants. Starting this year, we will also commend Bumblebees in the following new categories:

- Most interesting equipment,
- Most outrageous venture, and
- Most beautiful site.

Participants are strongly encouraged to use our automated contest reporting system, which is found in the ARS Sojourner. Participants may submit paper logs, with a two week deadline. Results are posted during the third week of August in The ARS Sojourner, the QRP-L Internet Group, and by direct email to ARS members.

If you choose to use a paper log, please include at least the following:

- Your full name and callsign;
- Your status (Bumblebee, or homebased).
- Date of the event;
- Total number of completed QSOs with Bumblebees, and
- Total number of completed QSOs with all other stations.

You may also want to add soapbox information, such as the equipment used, your operating location, interesting contacts, successes and challenges.

You are encouraged to submit stories and photographs of your Bumblebee adventure for publication in The ARS Sojourner. See Advice for Contributors, http://www.natworld.com/ars/pages/pageone_material/advice.html.

Russ Carpenter, AA7QU, is the Contest Manager. Mail paper logs to him at 47227 Goodpasture Road, Vida, OR 97488. You can reach Russ in the following ways:

- By mail, at the foregoing address
- By phone, at (541) 896-026
- By fax, at (541) 896-031
- By email, at russ@natworld.com

Date: Fri, 19 Feb 1999 23:23:24 +0100
From: "David Reid" <dareid@Synopsys.COM>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, faunt@netcom.com
Subject: [33592] Re: Surface mount projects, almost painless, maybe?
Message-ID: <199902192223.XAA02469@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Doug, and the group,

I've successfully made circuits using the 'standard' 0.1 pitch veroboard (stripboard) with SMD bits... For IC chips, the way I do it is to straddle the chip in the same manner as you would a DIL device on the track side of the board, however I bend every second leg on the device out, so that each 'odd' leg matches with one of the strips... then I cut the tracks about 2 holes out and connect a short wire from the remaining strip to the 'even' legs. Then the chip can be wired as though it was a DIL device to the rest of the circuit. Chip capacitors and resistors, I mount vertically from the stripboard and use a similar manner attaching a short #28 wire to the 'free' end. For transistors, I mount them across 2 strips and free-wire the third leg to a vacant track... Everything is therefore mounted on the COPPER side of the stripboard, not on the phenol side... For most circuits it works quite well and it is easy to debug.

Good luck, hope the explanation is clear... if not email for more info
Dave

PA3HBB / G0BZF

Date sent: Fri, 19 Feb 1999 13:26:00 -0800 (PST)
Send reply to: faunt@netcom.com
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: Surface mount projects, almost painless, maybe?
Originally to: gqrp-l@blacksheep.org, qrp-l@Lehigh.EDU

> I'm working on a little project that could well be done with
> surface-mount, and, having seen much mention of "strip board" in UK
> magazines, was wondering if much, or anything, has been done with it
> for surface mount. The larger surface mount parts are certainly easy
> enough to handle, and it looks like they might easily be soldered from
> strip to strip.

>
> Also, in looking at the Maplin catalog, there is a program called
> "Stripboard Magic" that is claimed to do stripboard layouts from
> schematics. Does it work?

>
> 73, doug

>
>
>

D.Reid PA3HBB / G0BZF
Leenderweg 46

5591 JE Heeze
The Netherlands
tel: +31 40 2260388

Date: Fri, 19 Feb 1999 17:38:45 -0500
From: "George F. Allgood" <k4pym@carol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [33593] Addendum to K8FF Paddle fix summary
Message-ID: <00c101be5c58\$b337ab40\$c0cbeed0@204.116.183.2.carol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I left out an important post in my summary of K8FF Paddle Cures.

From: .Wayne Smith <k8ff@juno.com>
Hi George, My original design for the paddle used recycled relay contacts instead of screws filed flat. Also make sure that the threads in the base are clean of paint and that the holes for the bearings are clean of polishing compound etc I am still using the first one that I built over 2 years ago without problems. Incidentally my #19 prototype was used at F00MAC last june without a glitch. Watch for the announcement from Vibroplex when they release the K8FF/NORCAL paddle this spring. If you have any additional questions feel free to e-mail them to me Regards. Wayne K8FF

dit dit
George F. Allgood, K4PYM
Walhalla, SC

Date: Fri, 19 Feb 1999 16:40:01 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [33594] FS code trainer
Message-ID: <892-36CDE841-547@mailtod-111.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

The trainer has been sold.

Date: Fri, 19 Feb 1999 13:34:00 -0800
From: Dan Presley <talljazz@teleport.com>
To: qrp-1@LeHigh.edu
Subject: [33595] more father of the bride
Message-ID: <v0300780bb2f388ab4dc2@[216.26.2.153]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, as one who makes a good part of his living playing for weddings, I gotta say that when you write that check to me at least a portion will probably be 'recycled' back into our qrp community-more kits, toys, etc. There now, don't you all feel better ? :)

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Fri, 19 Feb 99 17:22:02 -0500
From: Chuck Adams <adams@ticnet.com>
To: "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
Cc: qrp <qrp-1@lehigh.edu>
Subject: [33596] Re: Thanks and a quick? [Re: NC20]
Message-ID: <E10DzDx-0002QS-00@smtp.ticnet.com>

Jeff et.al.,

Jeff asked me how I got the heat sink on the transistor.
And a good question it is and Jeff is the first to ask.

I find that the things are just too tight and it takes an 400 pound gorilla to push the things on without any up front prep. And it just scares me to think of the PC board coming apart at large pressures.

So with the finned heat sinks I take the chain nose pliers and grab a fin. Holding the opposite fin with my fingers I just pull GENTLY but with just enough force to start the two fins (on opposite sides at 90 degrees to the two that I have a grip on) to start coming apart. I find that they are pressed together firmly but will

come apart slowly if you are careful. The trick is to know JUST how much force to use before you go too far.

Now move over to the next pair of fins in rotation and repeat until you have gone 180 degrees.

Now do this gently, take your time, and only get a SMALL (everyone understand what SMALL means?) separation started on each fin. It is easier to keep "pulling the fins apart" than it is to put them back together though the pliers will do it. And you can pull so hard that the fins will come apart. Experimented with this once. Fortunately I was playing with a 25 cent part that I picked up at surplus just to see how much it could take before destruction set in.... :-) You know how to destroy things, right gang? An expert is someone that has made all the mistakes and most likely more than once.

I get them separated just enough to get a friction fit and stay on. As long as the heat sink is in contact with the transistor case you will get heat conduction nicely. And I would not get super picky and try the silicon heat sink goo that I just don't like. I'm sure there are EPA regs on the stuff. :-) I remember many a Heatkit that used the stuff.

One of the neat things about the NC20 was the "dry" heat insulator on the final PA. Neato Dave and I like that. OHR uses a similar critter also.

Hope I did this explanation well enough for the masses to understand.

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Fri, 19 Feb 1999 15:15:40 -0800
From: "Earl S. Mead" <k6esmead@pacbell.net>
To: peteros@home.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [33597] Re: AN ARTICLE ON MORSE CODE/ +++LONG+++
Message-ID: <36CDF09C.AF87B0C7@pacbell.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pete and Ros wrote:

>
> Earl S. Mead wrote:
> > He wrote his 5th Symphony to explore a particular sequence of beats.
>
> True, but the propaganda value of using *that* famous sequence, written
> by a *German* composer, was not lost on some one (or more people) in
> Britain.
> Throughout the war, the BBC used that sequence (V for Victory) as part
> of their opening theme to all their broadcasts to Europe.
>
> 73 de Pete VE5VA

Hi Pete:

You make a very interesting point that combines old and new (for that time) for politically inspirational purposes (and it worked!).

Thanks for your insight.

--

73, CUL, Earl, K6ESM

North Hills Radio Club, the BEST amateur radio club in the world!!!

<<http://www.K6IS.org>>

<nhrc@k6is.org>

You're not finished writing until all "T"s are dotted and your "I"s crossed.

The value of advice is in its use.

We find "Reasons" to do things; "Excuses" for not.

Most people who believe they are the big alligator of the swamp are usually just a polywog in a rain puddle.

Eating your own words usually leaves a bad taste in your mouth.

Date: Fri, 19 Feb 1999 15:30:11 -0800

From: Bill Jones <kd7s@psnw.com>

To: unlisted-recipients;; (no To-header on input)

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [33598] NC20 Heat Sink Problem

Message-ID: <36CDF403.BC60696F@psnw.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck's description of how he 'worked' the NC20 heat sink was similar to what I did. However I ended up slipping the blade of a pocket knife between the fins, just a little bit, and that was enough to allow the heat sink to slip over the transistor nice and snug.

Chuck Adams wrote:

> I find that the things are just too tight and it takes an
> 400 pound gorilla to push the things on without any
> up front prep.

Date: Fri, 19 Feb 1999 16:45:04 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [33599] Morse Clock idea?
Message-ID: <012f01be5c61\$e2128440\$9ba8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My wife received a "bird" wall clock as a gift. Kinda novel in that it plays a different bird song at each hour with a photo sensor switch to turn it off at night. (good thing! or it would be out the window!!)

After listening to it for a day the idea struck me ..."HEY, how about a 24 hr clock that plays/sends/chimes the time in morse code at the hour. Would this be possible using a PIC or ?

I don't need another project right now but just though I'd share the idea. Maybe a fun kit?

TU & 72/73 ...Steve/n0tu-Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>

Date: Sat, 20 Feb 1999 00:52:11 +0100
From: "David Reid" <dareid@Synopsys.COM>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, n0tu@webaccess.net
Subject: [33600] Re: Morse Clock idea?
Message-ID: <199902192352.AAA05415@gooofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Steve,
Of course, this is possible, in even the lowliest PIC chip.
However, unless it was a 'press the button to tell the time' device I
should think it would be very annoying after the first few hours...

I have a couple of PIC kits I seel from my website that send CW (1
as a tutor and 1 as a iambic keyer)
There is not too much to the code... to implement a clock in as
PIC. (or just about any microprocessor)

you can read about my kit on my website:
<http://ourworld.compuserve.com/homepages/drcp/homepage.htm>

Date sent: Fri, 19 Feb 1999 16:45:04 -0700
Send reply to: n0tu@webaccess.net
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: Morse Clock idea?
Originally to: "QRP-L" <QRP-L@lehigh.edu>

> My wife received a "bird" wall clock as a gift. Kinda novel in that it
> plays a different bird song at each hour with a photo sensor switch to
> turn it off at night. (good thing! or it would be out the window!!)
>
> After listening to it for a day the idea struck me ..."HEY, how about
> a 24 hr clock that plays/sends/chimes the time in morse code at the
> hour. Would this be possible using a PIC or ?
>
> I don't need another project right now but just though I'd share the
> idea. Maybe a fun kit?
>
> TU & 72/73 ...Steve/n0tu-Monument,CO
> <http://www.webaccess.net/~s&p/HRindex.htm>
>
>
>

End of QRP-L Digest 1372
